2D CONGRESS, 2d Session. | SENATE. | REPORT 1394, Part 3.

WHOLESALE PRICES, WAGES,

AND

TRANSPORTATION.

REPORT

BY

MR. ALDRICH,

FROM THE

COMMITTEE ON FINANCE,

MARCH 3, 1893.

PART III.

CITY LIBRARY,
JUL 20 1896
POUGHKEEPSIE, N. Y.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1893.

HD
6983
U58W
v3

EXHIBITS—Continued.

7029982

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

[In certain establishments the payrolls failed to show daily rates for all occupations, hence while most of the establishments here presented are substantially complete, very few are actually so, and some exhibit only leading occupations. The following may be said in explanation of this condition of affairs: Average daily earnings have been given for piece workers where possible, but in many instances no record of time was kept and it was, therefore, impossible to give such earnings. In many of these cases it was also impossible to secure a piece rate, owing to lack of uniformity in the description of the unit during the various years. In addition to these, such occupations as were considered not strictly industrial and in which the rates of pay were very irregular, as officials, clerks, etc., were omitted. In a few instances the condition of the payroll itself made it impossible to secure a complete presentation of certain occupations. The occupations, however, which are given are substantially complete.]

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS.

BALERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1875	10	2	M	$1.15½ per day.
	10	1	M	1.35½ " "
Average	10	3	M	1.22 " "
July 1875	10	2	M	1.15½ " "
	10	1	M	1.35½ " "
Average	10	3	M	1.22 " "
Jan. 1876	10	3	M	1.15½ " "
July 1876	10	3	M	1.15½ " "
Jan. 1877	10	4	M	1.10 " "
July 1877	10	2	M	1.10 " "
Jan. 1878	10	3	M	1.10 " "
July 1878	10	3	M	1.10 " "
Jan. 1879	10	3	M	1.10 " "
July 1879	10	3	M	1.10 " "
Jan. 1880	10	3	M	1.10 " "
July 1880	10	3	M	1.15 " "
Jan. 1881	10	3	M	1.15 " "
July 1881	10	3	M	1.15 " "
Jan. 1882	10	2	M	1.15 " "
	10	1	M	1.25 " "
Average	10	3	M	1.18½ " "
July 1882	10	3	M	1.15 " "
	10	1	M	1.25 " "
Average	10	4	M	1.17½ " "
Jan. 1883	10	3	M	1.20 " "
	10	1	M	1.30 " "
Average	10	4	M	1.22½ " "
July 1883	10	4	M	1.20 " "
	10	1	M	1.30 " "
Average	10	5	M	1.22 " "
Jan. 1884	10	2	M	$1.20 per day.
	10	1	M	1.30 " "
Average	10	3	M	1.23½ " "
July 1884	10	1	M	1.20 " "
	10	2	M	1.30 " "
Average	10	3	M	1.26½ " "
Jan. 1885	10	2	M	1.20 " "
	10	1	M	1.30 " "
Average	10	3	M	1.23½ " "
July 1885	10	2	M	1.20 " "
	10	2	M	1.30 " "
Average	10	4	M	1.25 " "
Jan. 1886	10	2	M	1.20 " "
	10	1	M	1.30 " "
Average	10	3	M	1.23½ " "
July 1886	10	2	M	1.20 " "
	10	1	M	1.30 " "
Average	10	3	M	1.23½ " "
Jan. 1887	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.40 " "
Average	10	3	M	1.31½ " "
July 1887	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.40 " "
Average	10	3	M	1.31½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

BALERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1888	10	2	M	$1.25 per day.	Jan. 1890	10	1	M	$1.20 per day.
	10	1	M	1.30 " "		10	1	M	1.25 " "
	10	3	M	1.40 " "		10	1	M	1.30 " "
						10	1	M	1.40 " "
Average	10	6	M	1.33½ " "	Average	10	4	M	1.28½ " "
July 1888	10	2	M	1.25 " "	July 1890	10	1	M	1.20 " "
	10	2	M	1.30 " "		10	1	M	1.25 " "
	10	2	M	1.40 " "		10	1	M	1.30 " "
						10	1	M	1.40 " "
Average	10	6	M	1.31½ " "	Average	10	4	M	1.28½ " "
Jan. 1889	10	1	M	1.20 " "	Jan. 1891	10	1	M	1.20 " "
	10	1	M	1.25 " "		10	2	M	1.25 " "
	10	1	M	1.30 " "		10	2	M	1.27 " "
	10	1	M	1.40 " "		10	1	M	1.40 " "
Average	10	4	M	1.28½ " "	Average	10	6	M	1.27½ " "
July 1889	10	1	M	1.20 " "	July 1891	10	1	M	1.20 " "
	10	2	M	1.25 " "		10	1	M	1.25 " "
	10	1	M	1.30 " "		10	2	M	1.27 " "
	10	1	M	1.40 " "		10	1	M	1.40 " "
Average	10	5	M	1.28 " "	Average	10	5	M	1.28 " "

BLACKSMITHS.

July 1873	11	1	M	2.50 per day.	Jan. 1883	10	1	M	2.25 per day.
Jan. 1874	11	2	M	2.50 " "	July 1883	10	1	M	2.25 " "
July 1874	11	1	M	2.62 " "	Jan. 1884	10	1	M	2.25 " "
Jan. 1875	10	1	M	2.35½ " "	July 1884	10	1	M	2.25 " "
July 1875	10	1	M	2.35½ " "	Jan. 1885	10	1	M	2.20 " "
Jan. 1876	10	1	M	2.35½ " "	July 1885	10	1	M	2.20 " "
July 1876	10	1	M	2.35½ " "	Jan. 1886	10	1	M	2.40 " "
Jan. 1877	10	1	M	2.35 " "	July 1886	10	1	M	2.40 " "
July 1877	10	1	M	2.35 " "	Jan. 1887	10	1	M	2.50 " "
Jan. 1878	10	1	M	2.35 " "	July 1887	10	1	M	2.50 " "
July 1878	10	1	M	2.35 " "	Jan. 1888	10	1	M	2.25 " "
Jan. 1879	10	1	M	2.05 " "	July 1888	10	1	M	2.25 " "
July 1879	10	1	M	2.05 " "	Jan. 1889	10	1	M	2.25 " "
Jan. 1880	10	1	M	2.05 " "	July 1889	10	1	M	2.25 " "
July 1880	10	1	M	2.10 " "	Jan. 1890	10	1	M	2.25 " "
Jan. 1881	10	1	M	2.15 " "	July 1890	10	1	M	2.25 " "
July 1881	10	1	M	2.15 " "	Jan. 1891	10	1	M	2.25 " "
Jan. 1882	10	1	M	2.25 " "	July 1891	10	1	M	2.25 " "
July 1882	10	1	M	2.25 " "					

BLACKSMITHS' HELPERS.

July 1873	11	1	M	1.50 per day.	July 1882	10	1	M	1.60 per day.
Jan. 1874	11	1	M	1.50 " "	Jan. 1883	10	1	M	1.60 " "
July 1874	11	1	M	1.50 " "	July 1883	10	1	M	1.25 " "
Jan. 1875	10	2	M	1.40 " "	Jan. 1884	10	1	M	1.25 " "
July 1875	10	2	M	1.40 " "	July 1884	10	1	M	1.25 " "
Jan. 1876	10	1	M	1.40 " "	Jan. 1886	10	1	M	1.50 " "
Jan. 1877	10	1	M	1.50 " "	July 1886	10	1	M	1.50 " "
July 1877	10	1	M	1.50 " "	Jan. 1887	10	1	M	1.60 " "
Jan. 1878	10	1	M	1.50 " "	July 1887	10	1	M	1.60 " "
July 1878	10	1	M	1.50 " "	Jan. 1888	10	1	M	1.60 " "
Jan. 1879	10	1	M	1.45 " "	July 1888	10	1	M	1.60 " "
July 1879	10	1	M	1.45 " "	Jan. 1889	10	1	M	1.60 " "
Jan. 1880	10	1	M	1.55 " "	July 1889	10	1	M	1.60 " "
July 1880	10	1	M	1.60 " "	Jan. 1890	10	1	M	1.60 " "
Jan. 1881	10	1	M	1.60 " "	July 1890	10	1	M	1.60 " "
July 1881	10	1	M	1.60 " "	Jan. 1891	10	1	M	1.60 " "
Jan. 1882	10	1	M	1.60 " "	July 1891	10	1	M	1.60 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

CARD GRINDERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1842	13	1	M	$0.80 per day.
	13	1	M	.91½ " "
Average	13	2	M	.85½ " "
Jan. 1843	13	2	M	.91½ " "
July 1843	13	1	M	.76 " "
	13	1	M	.80 " "
	13	1	M	.92 " "
	13	1	M	1.00 " "
Average	13	4	M	.87 " "
Jan. 1844	13	1	M	.80 " "
	13	1	M	.87 " "
Average	13	2	M	.83½ " "
July 1844	13	1	M	.85 " "
	13	1	M	.91 " "
Average	13	2	M	.88 " "
Jan. 1845	13	1	M	.85 " "
	13	1	M	.91 " "
Average	13	2	M	.88 " "
July 1845	13	1	M	.75 " "
	13	1	M	.85 " "
	13	1	M	.91 " "
Average	13	3	M	.83½ " "
Jan. 1846	13	1	M	.78 " "
	13	1	M	.91 " "
Average	13	2	M	.84½ " "
July 1846	13	1	M	.78 " "
	13	1	M	.91 " "
Average	13	2	M	.84½ " "
Jan. 1847	13	1	M	.75 " "
	13	1	M	.80 " "
	13	1	M	.91 " "
Average	13	3	M	.82 " "
July 1847	13	1	M	.77 " "
	13	1	M	.87½ " "
Average	13	2	M	.82½ " "
Jan. 1848	13	2	M	.91 " "
July 1848	13	1	M	.75 " "
	13	1	M	.83 " "
	13	1	M	.91 " "
Average	13	3	M	.83 " "
Jan. 1849	13	1	M	.83 " "
	13	1	M	.91 " "
Average	13	2	M	.87 " "
July 1849	13	1	M	.75 " "
	13	1	M	.87½ " "
Average	13	2	M	.81½ " "
Jan. 1850	13	1	M	.87½ " "
	13	1	M	.91 " "
Average	13	2	M	.89½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1850	13	1	M	$0.75 per day.
	13	1	M	.91 " "
Average	13	2	M	.83 " "
Jan. 1851	13	1	M	.80 " "
	13	1	M	.91 " "
Average	13	2	M	.85½ " "
July 1851	13	1	M	.75 " "
	13	1	M	.91 " "
Average	13	2	M	.83 " "
Jan. 1852	13	2	M	.91 " "
July 1852	13	1	M	.64 " "
	13	1	M	.91 " "
	13	1	M	1.00 " "
Average	13	3	M	.85 " "
Jan. 1853	13	1	M	.67 " "
	13	2	M	.75 " "
	13	1	M	.83 " "
	13	1	M	1.16 " "
Average	13	5	M	.83 " "
July 1853	13	1	M	.91 " "
	13	1	M	1.00 " "
Average	13	2	M	.95½ " "
Jan. 1854	13	1	M	.75 " "
	13	2	M	1.00 " "
Average	13	3	M	.91½ " "
July 1854	13	2	M	.91 " "
	13	1	M	1.00 " "
Average	13	3	M	.94 " "
Jan. 1855	13	2	M	.64 " "
	13	3	M	1.00 " "
Average	13	5	M	.85½ " "
July 1855	13	1	M	.64 " "
	13	1	M	.91 " "
	13	2	M	1.00 " "
Average	13	4	M	.88½ " "
July 1858	13	1	M	.70 " "
	13	1	M	.92 " "
Average	13	2	M	.81 " "
Jan. 1859	13	1	M	.75 " "
	13	1	M	.92 " "
Average	13	2	M	.83½ " "
July 1859	13	1	M	.75 " "
	13	1	M	.92 " "
Average	13	2	M	.83½ " "
Jan. 1860	13	2	M	.83 " "
July 1860	13	1	M	.83 " "
	13	1	M	1.00 " "
Average	13	2	M	.91½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

CARD GRINDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1861	13	1	M	$0.83 per day.
	13	1	M	1.00 " "
Average	13	2	M	.91½ " "
July 1861	13	1	M	.83 " "
	13	1	M	1.00 " "
Average	13	2	M	.91½ " "
Jan. 1862	12	1	M	.83 " "
	12	2	M	1.00 " "
Average	12	3	M	.94½ " "
July 1862	12	1	M	.67 " "
	12	1	M	.91 " "
	12	1	M	1.00 " "
Average	12	3	M	.86 " "
Jan. 1863	12	1	M	.83 " "
	12	1	M	1.00 " "
Average	12	2	M	.91½ " "
July 1863	12	1	M	.83 " "
	12	1	M	1.00 " "
Average	12	2	M	.91½ " "
Jan. 1864	12	2	M	1.25 " "
July 1864	12	1	M	1.33 " "
Jan. 1865	12	1	M	1.33 " "
July 1865	12	2	M	1.67 " "
Jan. 1866	12	1	M	1.60 " "
	12	1	M	1.75 " "
Average	12	2	M	1.67½ " "
July 1866	12	1	M	1.50 " "
	12	1	M	1.68 " "
Average	12	2	M	1.59 " "
Jan. 1867	12	1	M	1.50 " "
	12	1	M	1.67 " "
Average	12	2	M	1.58½ " "
July 1867	12	2	M	1.58 " "
Jan. 1868	11	2	M	1.41 " "
July 1868	11	3	M	1.58 " "
Jan. 1869	11	2	M	1.58 " "
July 1869	11	1	M	1.16 " "
	11	2	M	1.58 " "
Average	11	3	M	1.44 " "
Jan. 1870	11	1	M	1.16 " "
	11	2	M	1.58 " "
Average	11	3	M	1.44 " "
July 1870	11	3	M	1.67 " "
Jan. 1871	11	1	M	1.16 " "
	11	2	M	1.67 " "
Average	11	3	M	1.50 " "
July 1871	11	1	M	1.16 " "
	11	2	M	1.67 " "
Average	11	3	M	1.50 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	11	1	M	$1.08 per day.
	11	2	M	1.67 " "
Average	11	3	M	1.47½ " "
July 1872	11	1	M	1.08 " "
	11	2	M	1.67 " "
Average	11	3	M	1.47½ " "
Jan. 1873	11	1	M	1.08 " "
	11	2	M	1.67 " "
Average	11	3	M	1.47½ " "
July 1873	11	1	M	1.25 " "
	11	2	M	1.67 " "
Average	11	3	M	1.53 " "
Jan. 1874	11	2	M	1.42 " "
July 1874	11	1	M	1.35 " "
	11	1	M	1.42 " "
Average	11	2	M	1.38½ " "
Jan. 1875	10	1	M	1.26½ " "
	10	2	M	1.36½ " "
Average	10	3	M	1.33 " "
July 1875	10	1	M	1.26½ " "
	10	1	M	1.36½ " "
Average	10	2	M	1 31½ " "
Jan. 1876	10	1	M	1.26½ " "
	10	1	M	1.36½ " "
Average	10	2	M	1.31½ " "
July 1876	10	2	M	1.30 " "
Jan. 1877	10	2	M	1.25 " "
July 1877	10	2	M	1.25 " "
Jan. 1878	10	2	M	1.25 " "
July 1878	10	2	M	1.30 " "
Jan. 1879	10	3	M	1.40 " "
July 1879	10	3	M	1.40 " "
Jan. 1880	10	4	M	1.40 " "
July 1880	10	3	M	1.40 " "
Jan. 1881	10	4	M	1.40 " "
	10	1	M	1.50 " "
Average	10	5	M	1.42 " "
July 1881	10	3	M	1.40 " "
	10	2	M	1.50 " "
Average	10	5	M	1.44 " "
Jan. 1882	10	3	M	1.50 " "
	10	1	M	1.55 " "
Average	10	4	M	1.51½ " "
July 1882	10	3	M	1.50 " "
	10	1	M	1.55 " "
Average	10	4	M	1.51½ " "
Jan. 1883	10	3	M	1.50 " "
	10	1	M	1.55 " "
Average	10	4	M	1.51½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

CARD GRINDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	3	M	$1.50 per day.
	10	1	M	1.55 " "
Average	10	4	M	1.51½ " "
Jan. 1884	10	3	M	1.45 " "
	10	1	M	1.55 " "
Average	10	4	M	1.47½ " "
July 1884	10	3	M	1.45 " "
	10	1	M	1.55 " "
Average	10	4	M	1.47½ " "
Jan. 1885	10	3	M	1.45 " "
	10	1	M	1.55 " "
Average	10	4	M	1.47½ " "
July 1885	10	3	M	1.45 " "
	10	1	M	1.55 " "
Average	10	4	M	1.47½ " "
Jan. 1886	10	2	M	1.35 " "
	10	3	M	1.45 " "
	10	1	M	1.55 " "
Average	10	6	M	1.43½ " "
July 1886	10	2	M	1.35 " "
	10	3	M	1.45 " "
	10	1	M	1.55 " "
Average	10	6	M	1.43½ " "
Jan. 1887	10	3	M	1.35 " "
	10	1	M	1.55 " "
Average	10	4	M	1.40 " "
July 1887	10	3	M	$1.35 per day.
	10	1	M	1.55 " "
Average	10	4	M	1.40 " "
Jan. 1888	10	1	M	1.55 " "
July 1888	10	3	M	1.45 " "
	10	1	M	1.55 " "
Average	10	4	M	1.47½ " "
Jan. 1889	10	3	M	1.45 " "
	10	1	M	1.55 " "
Average	10	4	M	1.47½ " "
July 1889	10	3	M	1.45 " "
	10	1	M	1.55 " "
Average	10	4	M	1.47½ " "
Jan. 1890	10	3	M	1.45 " "
	10	1	M	1.55 " "
Average	10	4	M	1.47½ " "
July 1890	10	3	M	1.45 " "
	10	1	M	1.55 " "
Average	10	4	M	1.47½ " "
Jan. 1891	10	3	M	1.45 " "
	10	1	M	1.50 " "
Average	10	4	M	1.46½ " "
July 1891	10	3	M	1.45 " "
	10	1	M	1.50 " "
Average	10	4	M	1.46½ " "

CARD STRIPPERS.

July 1842	13	5	M	.65 per day.
Jan. 1843	13	5	M	.61 " "
July 1843	13	6	M	.60 " "
	13	1	M	.61 " "
Average	13	7	M	.60 " "
Jan. 1844	13	7	M	.61 " "
July 1844	13	10	M	.61 " "
Jan. 1845	13	7	M	.61 " "
July 1845	13	8	M	.61 " "
Jan. 1846	13	6	M	.64 " "
July 1846	13	7	M	.64 " "
Jan. 1847	13	7	M	.64 " "
July 1847	13	6	M	.64 " "
Jan. 1848	13	6	M	.64 " "
July 1848	13	5	M	.64 " "
Jan. 1849	13	5	M	.64 " "
July 1849	13	5	M	.64 " "
Jan. 1850	13	5	M	.64 " "
July 1850	13	5	M	.64 " "
Jan. 1851	13	3	M	.64 " "
July 1851	13	1	M	.50 per day.
	13	5	M	.64 " "
Average	13	6	M	.61½ " "
Jan. 1852	13	5	M	.64 " "
July 1852	13	5	M	.64 " "
Jan. 1853	13	5	M	.60 " "
July 1853	13	5	M	.64 " "
	13	1	M	.75 " "
Average	13	6	M	.66 " "
Jan. 1854	13	6	M	.64 " "
July 1854	13	1	M	.50 " "
	13	4	M	.64 " "
	13	1	M	.75 " "
Average	13	6	M	.63½ " "
Jan. 1855	13	5	M	.64 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

CARD STRIPPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1855	13	1	M	$0.60 per day.
	13	5	M	.64 " "
Average	13	6	M	.63½ " "
Jan. 1856	13	1	M	.60 " "
July 1858	13	3	M	.60 " "
Jan. 1859	13	4	M	.60 " "
July 1859	13	3	M	.60 " "
	13	3	M	.67 " "
Average	13	6	M	.63½ " "
Jan. 1860	13	4	M	.60 " "
	13	2	M	.67 " "
Average	13	6	M	.62½ " "
July 1860	13	1	M	.60 " "
	13	3	M	.64 " "
	13	2	M	.67 " "
Average	13	6	M	.64½ " "
Jan. 1861	13	2	M	.67 " "
	13	1	M	.75 " "
Average	13	3	M	.69½ " "
July 1861	13	1	M	.67 " "
	13	3	M	.71 " "
Average	13	4	M	.70 " "
Jan. 1862	12	1	M	.67 " "
	12	3	M	.71 " "
Average	12	4	M	.70 " "
July 1862	12	2	M	.65 " "
Jan. 1863	12	1	M	.60 " "
July 1863	12	1	M	.60 " "
Jan. 1864	12	5	M	.75 " "
July 1864	12	2	M	1.12 " "
Jan. 1865	12	2	M	1.12 " "
July 1865	12	4	M	1.12 " "
Jan. 1866	12	4	M	1.12 " "
July 1866	12	4	M	1.12 " "
Jan. 1867	12	5	M	1.12 " "
July 1867	12	3	M	1.12 " "
Jan. 1868	11	4	M	1.00 " "
July 1868	11	5	M	1.00 " "
Jan. 1869	11	4	M	1.00 " "
July 1869	11	4	M	1.00 " "
Jan. 1870	11	2	M	.83 " "
	11	2	M	1.00 " "
Average	11	4	M	.91½ " "
July 1870	11	2	M	1.00 " "
	11	2	M	1.16 " "
Average	11	4	M	1.08 " "
Jan. 1871	11	2	M	.83 " "
	11	3	M	1.00 " "
	11	2	M	1.16 " "
Average	11	7	M	.99½ " "
July 1871	11	1	M	.83 " "
	11	2	M	1.00 " "
	11	1	M	1.16 " "
Average	11	4	M	.99½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	11	3	M	$0.83 per day.
	11	1	M	1.00 " "
Average	11	4	M	.87½ " "
July 1872	11	2	M	.83 " "
	11	1	M	1.16 " "
Average	11	3	M	.94 " "
Jan. 1873	11	2	M	.83 " "
	11	2	M	1.16 " "
Average	11	4	M	.99½ " "
July 1873	11	1	M	.83 " "
	11	1	M	1.16 " "
	11	1	M	1.33 " "
Average	11	3	M	1.10½ " "
Jan. 1874	11	1	M	.85 " "
	11	1	M	1.06 " "
	11	1	M	1.13 " "
Average	11	3	M	1.01½ " "
July 1874	11	1	M	1.06 " "
	11	1	M	1.13 " "
Average	11	2	M	1.09½ " "
Jan. 1875	10	2	M	.87½ " "
July 1875	10	2	M	.87½ " "
Jan. 1876	10	1	M	.80 " "
	10	1	M	.96½ " "
Average	10	2	M	.88½ " "
July 1876	10	1	M	.75 " "
	10	1	M	.95 " "
Average	10	2	M	.85 " "
Jan. 1877	10	2	M	.70 " "
July 1877	10	2	M	.85 " "
Jan. 1878	10	4	M	.70 " "
July 1878	10	2	M	.70 " "
Jan. 1879	10	5	M	.85 " "
July 1879	10	4	M	.85 " "
Jan. 1880	10	5	M	.85 " "
July 1880	10	4	M	.90 " "
Jan. 1881	10	4	M	.95 " "
July 1881	10	4	M	.95 " "
Jan. 1882	10	5	M	1.00 " "
July 1882	10	5	M	1.00 " "
Jan. 1883	10	5	M	1.00 " "
July 1883	10	5	M	1.00 " "
Jan. 1884	10	5	M	.95 " "
July 1884	10	5	M	.95 " "
Jan. 1885	10	5	M	.95 " "
July 1885	10	5	M	.95 " "
Jan. 1886	10	8	M	1.00 " "
July 1886	10	8	M	1.00 " "
Jan. 1887	10	5	M	1.00 " "
July 1887	10	5	M	1.00 " "
Jan. 1888	10	5	M	1.00 " "
July 1888	10	6	M	1.00 " "
Jan. 1889	10	6	M	1.00 " "
July 1889	10	6	M	1.00 " "
Jan. 1890	10	6	M	1.00 " "
July 1890	10	6	M	1.00 " "
Jan. 1891	10	5	M	1.00 " "
July 1891	10	5	M	1.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

CARPENTERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1842	13	1	M	$0.87½ per day.
	13	1	M	1.00 " "
	13	1	M	1.25 " "
Average	13	3	M	1.04 " "
Jan. 1843	13	1	M	1.00 " "
	13	1	M	1.25 " "
Average	13	2	M	1.12½ " "
July 1843	13	1	M	.91 " "
	13	1	M	1.16½ " "
	13	1	M	1.25 " "
Average	13	3	M	1.11 " "
Jan. 1844	13	1	M	.91 " "
	13	1	M	1.16½ " "
Average	13	2	M	1.03½ " "
July 1844	13	1	M	.91 " "
	13	1	M	1.33½ " "
Average	13	2	M	1.12½ " "
Jan. 1845	13	3	M	1.00 " "
	13	1	M	1.08 " "
	13	1	M	1.33½ " "
Average	13	5	M	1.08½ " "
July 1845	13	2	M	1.00 " "
	13	1	M	1.08 " "
	13	1	M	1.16 " "
	13	2	M	1.50 " "
Average	13	6	M	1.20½ " "
Jan. 1846	13	2	M	1.00 " "
	13	1	M	1.08 " "
	13	1	M	1.16 " "
	13	1	M	1.50 " "
Average	13	5	M	1.15 " "
July 1846	13	2	M	1.00 " "
	13	2	M	1.08 " "
	13	1	M	1.16 " "
	13	1	M	1.50 " "
Average	13	6	M	1.13½ " "
Jan. 1847	13	2	M	1.00 " "
	13	2	M	1.08 " "
	13	1	M	1.16 " "
	13	1	M	1.50 " "
Average	13	6	M	1.13½ " "
July 1847	13	1	M	1.00 " "
	13	2	M	1.16 " "
	13	1	M	1.50 " "
Average	13	4	M	1.20½ " "
Jan. 1848	13	2	M	1.16 " "
	18	1	M	1.42 " "
Average	13	3	M	1.24½ " "
July 1848	13	1	M	1.00 " "
	13	1	M	1.08 " "
	13	1	M	1.12 " "
July 1848–conc'd.	13	2	M	$1.16 per day.
	13	1	M	1.42 " "
Average	13	6	M	1.15½ " "
Jan. 1849	13	1	M	1.00 " "
	13	1	M	1.08 " "
	13	1	M	1.16 " "
	13	1	M	1.42 " "
Average	13	4	M	1.16½ " "
July 1849	13	3	M	1.08 " "
	13	1	M	1.16 " "
	13	1	M	1.42 " "
	13	1	M	1.50 " "
Average	13	6	M	1.22 " "
Jan. 1850	13	3	M	1.08 " "
	13	1	M	1.16 " "
	13	2	M	1.50 " "
Average	13	6	M	1.23½ " "
July 1850	13	3	M	1.16 " "
	13	1	M	1.25 " "
	13	2	M	1.50 " "
Average	13	6	M	1.29 " "
Jan. 1851	13	1	M	1.08 " "
	13	2	M	1.16 " "
	13	1	M	1.25 " "
	13	1	M	1.33 " "
	13	2	M	1.50 " "
Average	13	7	M	1.28½ " "
July 1851	13	1	M	1.08 " "
	13	3	M	1.16 " "
	13	1	M	1.25 " "
	13	1	M	1.33 " "
	13	2	M	1.50 " "
Average	13	8	M	1.26½ " "
Jan. 1852	13	1	M	1.08 " "
	13	1	M	1.16 " "
	13	1	M	1.25 " "
	13	1	M	1.50 " "
Average	13	4	M	1.24½ " "
July 1852	13	1	M	1.00 " "
	13	2	M	1.08 " "
	13	1	M	1.16 " "
	13	1	M	1.25 " "
	13	2	M	1.50 " "
Average	13	7	M	1.22½ " "
Jan. 1853	13	1	M	1.16 " "
	13	1	M	1.25 " "
	13	1	M	1.33 " "
	13	1	M	1.50 " "
	13	1	M	1.67 " "
Average	13	5	M	1.38 " "
July 1853	13	2	M	1.00 " "
	13	2	M	1.16 " "
	13	2	M	1.25 " "
	13	5	M	1.50 " "
Average	13	11	M	1.30 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 69, MASSACHUSETTS—Continued.

CARPENTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854	13	1	M	$1.00 per day.
	13	3	M	1.25 " "
	13	3	M	1.50 " "
Average	13	7	M	1.32 " "
July 1858	13	2	M	1.15 " "
	13	4	M	1.30 " "
	13	1	M	1.40 " "
	13	5	M	1.50 " "
Average	13	12	M	1.36½ " "
Jan. 1859	13	2	M	1.15 " "
	13	3	M	1.30 " "
	13	1	M	1.40 " "
	13	5	M	1.50 " "
Average	13	11	M	1.37½ " "
July 1859	13	2	M	1.15 " "
	13	1	M	1.30 " "
	13	8	M	1.50 " "
Average	13	11	M	1.42 " "
Jan. 1860	13	2	M	1.25 " "
	13	2	M	1.30 " "
	13	7	M	1.50 " "
Average	13	11	M	1.42 " "
July 1860	13	3	M	1.15 " "
	13	2	M	1.30 " "
	13	6	M	1.50 " "
Average	13	11	M	1.37 " "
Jan. 1861	13	1	M	1.00 " "
	13	1	M	1.15 " "
	13	1	M	1.30 " "
	13	6	M	1.50 " "
Average	13	9	M	1.38½ " "
July 1861	13	2	M	1.15 " "
	13	2	M	1.33 " "
	13	7	M	1.50 " "
Average	13	11	M	1.40½ " "
Jan. 1862	12	2	M	1.15 " "
	12	2	M	1.33 " "
	12	6	M	1.50 " "
Average	12	10	M	1.39½ " "
July 1862	12	1	M	1.00 " "
	12	2	M	1.15 " "
	12	3	M	1.33 " "
	12	6	M	1.50 " "
Average	12	12	M	1.35½ " "
Jan. 1863	12	5	M	1.00 " "
	12	1	M	1.25 " "
	12	14	M	1.33 " "
	12	4	M	1.50 " "
Average	12	24	M	1.28½ " "
July 1863	12	4	M	1.00 " "
	12	2	M	1.25 " "
	12	16	M	1.33 " "
	12	4	M	1.50 " "
Average	12	26	M	1.30 " "
Jan. 1864	12	1	M	$1.10 per day.
	12	1	M	1.16 " "
	12	1	M	1.40 " "
	12	7	M	1.50 " "
	12	4	M	1.75 " "
Average	12	14	M	1.51 " "
July 1864	12	6	M	1.75 " "
	12	2	M	2.00 " "
Average	12	8	M	1.81½ " "
Jan. 1865	12	1	M	1.75 " "
	12	5	M	2.00 " "
	12	2	M	2.25 " "
Average	12	8	M	2.03 " "
July 1865	12	1	M	1.75 " "
	12	6	M	2.00 " "
	12	7	M	2.25 " "
Average	12	14	M	2.10½ " "
Jan. 1866	12	1	M	1.75 " "
	12	6	M	2.00 " "
	12	5	M	2.25 " "
Average	12	12	M	2.08½ " "
July 1866	12	1	M	1.75 " "
	12	4	M	2.00 " "
	12	7	M	2.25 " "
Average	12	12	M	2.12½ " "
Jan. 1867	12	1	M	1.50 " "
	12	2	M	1.75 " "
	12	4	M	2.00 " "
	12	6	M	2.25 " "
Average	12	13	M	2.04 " "
July 1867	12	1	M	1.50 " "
	12	7	M	2.00 " "
	12	4	M	2.25 " "
Average	12	12	M	2.04 " "
Jan. 1868	11	2	M	1.75 " "
	11	11	M	2.00 " "
	11	10	M	2.25 " "
	11	4	M	2.50 " "
Average	11	27	M	2.15 " "
July 1868	11	1	M	1.25 " "
	11	3	M	1.75 " "
	11	9	M	2.00 " "
	11	9	M	2.25 " "
	11	4	M	2.50 " "
Average	11	26	M	2.10½ " "
Jan. 1869	11	1	M	1.25 " "
	11	7	M	2.00 " "
	11	6	M	2.25 " "
	11	2	M	2.50 " "
Average	11	16	M	2.11 " "
July 1869	11	1	M	1.50 " "
	11	5	M	2.00 " "
	11	3	M	2.25 " "
	11	2	M	2.50 " "
Average	11	11	M	2.11½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

CARPENTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1870	11	1	M	$1.16 per day.
	11	3	M	1.50 " "
	11	4	M	1.75 " "
	11	12	M	2.00 " "
	11	15	M	2.25 " "
	11	8	M	2.50 " "
Average	11	43	M	2.10½ " "
July 1870	11	1	M	1.00 " "
	11	1	M	1.75 " "
	11	7	M	2.00 " "
	11	11	M	2.25 " "
	11	6	M	2.50 " "
Average	11	26	M	2.17½ " "
Jan. 1871	11	1	M	1.75 " "
	11	4	M	2.00 " "
	11	12	M	2.25 " "
	11	3	M	2.50 " "
Average	11	20	M	2.21½ " "
July 1871	11	1	M	1.33 " "
	11	1	M	1.50 " "
	11	1	M	1.75 " "
	11	5	M	2.00 " "
	11	24	M	2.25 " "
	11	5	M	2.50 " "
	11	3	M	2.75 " "
Average	11	40	M	2.23½ " "
Jan. 1872	11	1	M	1.50 " "
	11	2	M	2.00 " "
	11	11	M	2.25 " "
	11	1	M	2.50 " "
	11	2	M	2.75 " "
Average	11	17	M	2.25 " "
July 1872	11	2	M	1.50 " "
	11	4	M	2.00 " "
	11	13	M	2.25 " "
	11	1	M	2.50 " "
	11	2	M	2.75 " "
Average	11	22	M	2.19½ " "
Jan. 1873	11	1	M	1.50 " "
	11	5	M	2.00 " "
	11	41	M	2.25 " "
	11	4	M	2.50 " "
	11	3	M	2.75 " "
Average	11	54	M	2.26 " "
July 1873	11	1	M	1.25 " "
	11	1	M	2.00 " "
	11	10	M	2.25 " "
	11	4	M	2.50 " "
	11	2	M	2.75 " "
Average	11	18	M	2.29 " "
Jan. 1874	11	1	M	1.25 " "
	11	1	M	2.00 " "
	11	6	M	2.25 " "
	11	3	M	2.50 " "
	11	1	M	2.75 " "
Average	11	12	M	2.25 " "
July 1874	11	2	M	1.50 " "
	11	4	M	2.25 " "
July 1874—conc'd.	11	5	M	$2.50 per day.
	11	1	M	2.75 " "
Average	11	12	M	2.27 " "
Jan. 1875	10	3	M	2.04½ " "
	10	1	M	2.16½ " "
	10	4	M	2.27½ " "
	10	1	M	2.39 " "
Average	10	9	M	2.20 " "
July 1875	10	3	M	2.04½ " "
	10	1	M	2.12 " "
	10	4	M	2.27½ " "
	10	1	M	2.39 " "
Average	10	9	M	2.19½ " "
Jan. 1876	10	4	M	2.05 " "
	10	4	M	2.25 " "
	10	3	M	2.27½ " "
	10	2	M	2.35 " "
	10	1	M	2.40 " "
Average	10	14	M	2.22½ " "
July 1876	10	1	M	1.50 " "
	10	1	M	2.10 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
Average	10	5	M	2.12 " "
Jan. 1877	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	5	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.20 " "
Average	10	10	M	1.96½ " "
July 1877	10	1	M	1.75 " "
	10	5	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.20 " "
Average	10	9	M	2.01½ " "
Jan. 1878	10	1	M	1.75 " "
	10	6	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.20 " "
Average	10	10	M	2.01½ " "
July 1878	10	1	M	1.75 " "
	10	5	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.20 " "
Average	10	9	M	2.01½ " "
Jan. 1879	10	1	M	1.00 " "
	10	3	M	1.75 " "
	10	2	M	1.80 " "
	10	1	M	1.90 " "
	10	1	M	2.00 " "
Average	10	8	M	1.72 " "
July 1879	10	1	M	1.00 " "
	10	5	M	1.75 " "
	10	1	M	1.80 " "
	10	2	M	2.00 " "
Average	10	9	M	1.73 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

CARPENTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1880	10	1	M	$1.25 per day.
	10	8	M	1.75 " "
	10	1	M	1.85 " "
	10	1	M	2.00 " "
Average	10	11	M	1.73½ " "
July 1880	10	2	M	1.25 " "
	10	1	M	1.75 " "
	10	1	M	1.85 " "
	10	2	M	1.90 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
Average	10	8	M	1.76½ " "
Jan. 1881	10	2	M	1.85 " "
	10	3	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.20 " "
Average	10	8	M	1.95 " "
July 1881	10	1	M	1.85 " "
	10	2	M	1.90 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
Average	10	5	M	1.97 " "
Jan. 1882	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
Average	10	6	M	1.99 " "
July 1882	10	2	M	1.80 " "
	10	2	M	1.90 " "
	10	1	M	2.25 " "
	10	1	M	2.40 " "
Average	10	6	M	2.01 " "
Jan. 1883	10	1	M	1.50 " "
	10	1	M	1.70 " "
	10	2	M	1.80 " "
	10	5	M	1.90 " "
	10	1	M	2.25 " "
	10	1	M	2.40 " "
Average	10	11	M	1.90½ " "
July 1883	10	1	M	1.50 " "
	10	2	M	1.70 " "
	10	1	M	1.80 " "
	10	4	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
Average	10	10	M	1.93 " "
Jan. 1884	10	2	M	1.50 " "
	10	2	M	1.70 " "
	10	3	M	1.80 " "
	10	3	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.35 " "
Average	10	13	M	1.89½ " "
July 1884	10	2	M	1.50 " "
	10	2	M	1.70 " "
	10	2	M	1.80 " "
	10	3	M	2.00 " "
July 1884–conc'd.	10	1	M	$2.25 per day.
	10	1	M	2.35 " "
Average	10	11	M	1.87½ " "
Jan. 1885	10	2	M	1.50 " "
	10	1	M	1.70 " "
	10	2	M	1.80 " "
	10	1	M	2.15 " "
	10	2	M	2.25 " "
Average	10	8	M	1.87 " "
July 1885	10	4	M	1.50 " "
	10	1	M	1.70 " "
	10	2	M	1.80 " "
	10	1	M	2.15 " "
	10	2	M	2.25 " "
Average	10	10	M	1.79½ " "
Jan. 1886	10	2	M	1.40 " "
	10	1	M	1.65 " "
	10	1	M	1.90 " "
	10	1	M	2.15 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	7	M	1.89½ " "
July 1886	10	2	M	1.40 " "
	10	1	M	1.65 " "
	10	2	M	1.90 " "
	10	1	M	2.15 " "
	10	1	M	2.25 " "
Average	10	7	M	1.80½ " "
Jan. 1887	10	2	M	1.50 " "
	10	2	M	1.70 " "
	10	2	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	2.50 " "
Average	10	8	M	1.88½ " "
July 1887	10	2	M	1.50 " "
	10	2	M	1.70 " "
	10	2	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	2.50 " "
Average	10	8	M	1.88½ " "
Jan. 1888	10	3	M	1.50 " "
	10	2	M	1.70 " "
	10	3	M	2.00 " "
	10	1	M	2.50 " "
Average	10	9	M	1.82 " "
July 1888	10	2	M	1.50 " "
	10	3	M	1.70 " "
	10	2	M	2.00 " "
	10	1	M	2.50 " "
Average	10	8	M	1.82½ " "
Jan. 1889	10	2	M	1.50 " "
	10	9	M	1.75 " "
	10	5	M	2.00 " "
	10	1	M	2.50 " "
Average	10	17	M	1.84 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

CARPENTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1889	10	2	M	$1.50 per day.
	10	6	M	1.75 " "
	10	6	M	2.00 " "
	10	1	M	2.50 " "
Average	10	15	M	1.86½ " "
Jan. 1890	10	1	M	1.70 " "
	10	3	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	2.50 " "
Average	10	7	M	1.92 " "
July 1890	10	1	M	1.70 " "
	10	4	M	1.75 " "
July 1890—conc'd.	10	3	M	$2.00 per day.
	10	1	M	2.50 " "
Average	10	9	M	1.91 " "
Jan. 1891	10	2	M	1.75 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.50 " "
Average	10	8	M	1.97½ " "
July 1891	10	3	M	1.75 " "
	10	1	M	1.90 " "
	10	7	M	2.00 " "
	10	1	M	2.50 " "
Average	10	12	M	1.97 " "

CLOTH INSPECTORS.

July 1870	11	12	F	.90 per day.
Jan. 1871	11	6	F	.90 " "
July 1871	11	6	F	.90 " "
Jan. 1872	11	5	F	.90 " "
July 1872	11	4	F	.90 " "
Jan. 1873	11	4	F	1.00 " "
July 1873	11	3	F	1.00 " "
Jan. 1874	11	5	F	.90 " "
July 1874	11	4	F	.90 " "
Jan. 1875	10	5	F	.82 " "
July 1875	10	5	F	.82 " "
Jan. 1876	10	9	F	.90 " "
July 1876	10	6	F	.90 " "
Jan. 1877	10	4	F	.85 " "
July 1877	10	6	F	.85 " "
Jan. 1878	10	5	F	.85 " "
July 1878	10	5	F	.85 " "
Jan. 1879	10	5	F	.80 " "
July 1879	10	6	F	.80 " "
Jan. 1880	10	6	F	.80 " "
July 1880	10	5	F	.85 " "
Jan. 1881	10	5	F	.85 " "
July 1881	10	6	F	.85 per day.
Jan. 1882	10	5	F	.88 " "
July 1882	10	5	F	.88 " "
Jan. 1883	10	6	F	.88 " "
July 1883	10	6	F	.88 " "
Jan. 1884	10	6	F	.85 " "
July 1884	10	6	F	.85 " "
Jan. 1885	10	5	F	.85 " "
July 1885	10	5	F	.85 " "
Jan. 1886	10	6	F	.85 " "
July 1886	10	6	F	.85 " "
Jan. 1887	10	5	F	.90 " "
July 1887	10	5	F	.90 " "
Jan. 1888	10	6	F	.90 " "
July 1888	10	8	F	.90 " "
Jan. 1889	10	6	F	.90 " "
July 1889	10	7	F	.90 " "
Jan. 1890	10	7	F	.90 " "
July 1890	10	7	F	.90 " "
Jan. 1891	10	6	F	.90 " "
July 1891	10	6	F	.90 " "

DOFFERS.

July 1871	11	5	M	.54 per day.
Jan. 1872	11	6	M	.54 " "
July 1872	11	4	M	.54 " "
Jan. 1873	11	7	M	.54 " "
July 1873	11	4	M	.54 " "
	11	2	M	.67 " "
	11	1	M	.83 " "
	11	2	M	1.00 " "
Average	11	9	M	.70½ " "
Jan. 1874	11	3	M	.46 " "
	11	2	M	.50 " "
	11	1	M	.58 " "
	11	3	M	.72 " "
	11	1	M	.85 " "
Average	11	10	M	.59½ " "
July 1874	11	7	M	.46 " "
	11	1	M	.50 " "
	11	2	M	.83 " "
	11	1	M	.86 " "
Average	11	11	M	.56½ " "
Jan. 1875	10	2	M	.45½ per day.
	10	2	M	.56½ " "
	10	2	M	.96½ " "
Average	10	6	M	.66 " "
July 1875	10	2	M	.45½ " "
	10	2	M	.56½ " "
	10	2	M	.96½ " "
Average	10	6	M	.66 " "
Jan. 1876	10	3	M	.55 " "
	10	2	M	.60 " "
	10	1	M	.85 " "
Average	10	6	M	.61½ " "
July 1876	10	3	M	.55 " "
	10	2	M	.60 " "
	10	1	M	.85 " "
Average	10	6	M	.61½ " "
Jan. 1877	10	4	M	.33 " "
	10	2	M	.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

DOFFERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1877–conc'd.	10	2	M	$0.60 per day.
	10	1	M	.80 " "
Average	10	9	M	.48 " "
July 1877	10	4	M	.33 " "
	10	2	M	.50 " "
	10	2	M	.55 " "
	10	1	M	.70 " "
Average	10	9	M	.46 " "
Jan. 1878	10	4	M	.33 " "
	10	2	M	.50 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
Average	10	8	M	.46½ " "
July 1878	10	4	M	.33 " "
	10	2	M	.50 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
Average	10	8	M	.46½ " "
Jan. 1879	10	3	M	.45 " "
	10	4	M	.50 " "
	10	2	M	.70 " "
	10	3	M	.80 " "
Average	10	12	M	.59½ " "
July 1879	10	3	M	.45 " "
	10	4	M	.50 " "
	10	2	M	.70 " "
	10	3	M	.80 " "
Average	10	12	M	.59½ " "
Jan. 1880	10	3	M	.30 " "
	10	5	M	.45 " "
	10	3	M	.70 " "
	10	3	M	.80 " "
Average	10	14	M	.54½ " "
July 1880	10	3	M	.35 " "
	10	6	M	.45 " "
	10	2	M	.60 " "
	10	2	M	.75 " "
Average	10	13	M	.49½ " "
Jan. 1881	10	3	M	.35 " "
	10	5	M	.45 " "
	10	3	M	.60 " "
	10	3	M	.75 " "
Average	10	14	M	.52½ " "
July 1881	10	3	M	.35 " "
	10	4	M	.45 " "
	10	3	M	.60 " "
	10	3	M	.75 " "
Average	10	13	M	.53 " "
Jan. 1882	10	6	M	.35 " "
	10	4	M	.50 " "
	10	3	M	.65 " "
	10	3	M	.78 " "
Average	10	16	M	.52½ " "
July 1882	10	4	M	$0.35 per day.
	10	6	M	.50 " "
	10	3	M	.65 " "
	10	3	M	.78 " "
Average	10	16	M	.54½ " "
Jan. 1883	10	8	M	.45 " "
	10	8	M	.65 " "
	10	4	M	.78 " "
Average	10	20	M	.59½ " "
July 1883	10	8	M	.45 " "
	10	8	M	.65 " "
	10	4	M	.78 " "
Average	10	20	M	.59½ " "
Jan. 1884	10	4	M	.45 " "
	10	9	M	.60 " "
	10	2	M	.70 " "
	10	5	M	.80 " "
Average	10	20	M	.63 " "
July 1884	10	3	M	.45 " "
	10	10	M	.60 " "
	10	1	M	.70 " "
	10	5	M	.80 " "
Average	10	19	M	.63½ " "
Jan. 1885	10	3	M	.45 " "
	10	10	M	.60 " "
	10	2	M	.75 " "
	10	5	M	.80 " "
Average	10	20	M	.64½ " "
July 1885	10	4	M	.45 " "
	10	9	M	.60 " "
	10	2	M	.75 " "
	10	5	M	.80 " "
Average	10	20	M	.63½ " "
Jan. 1886	10	5	M	.45 " "
	10	8	M	.60 " "
	10	4	M	.65 " "
	10	4	M	.75 " "
	10	2	M	.80 " "
Average	10	23	M	.62 " "
July 1886	10	5	M	.45 " "
	10	7	M	.60 " "
	10	4	M	.65 " "
	10	4	M	.75 " "
	10	3	M	.80 " "
Average	10	23	M	.63 " "
Jan. 1887	10	5	M	.45 " "
	10	7	M	.60 " "
	10	3	M	.65 " "
	10	4	M	.75 " "
	10	3	M	.80 " "
Average	10	22	M	.62½ " "
July 1887	10	5	M	.45 " "
	10	7	M	.60 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

DOFFERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887–conc'd.	10	3	M	$0.65 per day.	July 1889–conc'd.	10	3	M	$0.65 per day.
	10	7	M	.80 " "		10	7	M	.80 " "
Average	10	22	M	.63½ " "	Average	10	21	M	.63 " "
Jan. 1888	10	6	M	.45 " "	Jan. 1890	10	4	M	.60 " "
	10	6	M	.60 " "		10	6	M	.65 " "
	10	3	M	.65 " "		10	10	M	.80 " "
	10	6	M	.80 " "					
Average	10	21	M	.62 " "	Average	10	20	M	.71½ " "
July 1888	10	6	M	.45 " "	July 1890	10	4	M	.60 " "
	10	4	M	.60 " "		10	6	M	.65 " "
	10	3	M	.65 " "		10	10	M	.80 " "
	10	6	M	.80 " "					
Average	10	19	M	.62½ " "	Average	10	20	M	.71½ " "
Jan. 1889	10	7	M	.45 " "	Jan. 1891	10	10	M	.60 " "
	10	3	M	.60 " "		10	7	M	.75 " "
	10	3	M	.65 " "		10	6	M	.80 " "
	10	6	M	.80 " "					
Average	10	19	M	.61½ " "	Average	10	23	M	.70 " "
July 1889	10	6	M	.45 " "	July 1891	10	12	M	.60 " "
	10	5	M	.60 " "		10	7	M	.75 " "
						10	5	M	.80 " "
					Average	10	24	M	.68½ " "

DRAWERS-IN.

Jan. 1845	13	1	F	.46 per day.	July 1850	13	2	F	.38 per day.
July 1845	13	2	F	.42 " "		13	2	F	.45 " "
Jan. 1846	13	2	F	.45 " "	Average	13	4	F	.41½ " "
	13	2	F	.50 " "	Jan. 1851	13	2	F	.46 " "
Average	13	4	F	.47½ " "	July 1851	13	2	F	.38 " "
July 1846	13	2	F	.45 " "	Jan. 1852	13	1	F	.38 " "
	13	2	F	.50 " "		13	2	F	.42 " "
Average	13	4	F	.47½ " "	Average	13	3	F	.40½ " "
Jan. 1847	13	2	F	.44 " "	July 1852	13	2	F	.30 " "
	13	2	F	.45 " "		13	4	F	.38 " "
Average	13	4	F	.44½ " "		13	1	F	.56 " "
July 1847	13	8	F	.40 " "	Average	13	7	F	.38½ " "
Jan. 1848	13	5	F	.40 " "	Jan. 1853	13	3	F	.40 " "
	13	3	F	.56 " "		13	3	F	.43 " "
						13	2	F	.54 " "
Average	13	8	F	.46 " "	Average	13	8	F	.44½ " "
July 1848	13	5	F	.40 " "	July 1853	13	1	F	.54 " "
	13	3	F	.56 " "		13	1	F	.56 " "
Average	13	8	F	.46 " "	Average	13	2	F	.55 " "
Jan. 1849	13	1	F	.34 " "	Jan. 1854	13	1	F	.38 " "
	13	2	F	.50 " "		13	2	F	.40 " "
Average	13	3	F	.44½ " "		13	2	F	.54 " "
July 1849	13	1	F	.34 " "		13	1	F	.56 " "
	13	2	F	.50 " "	Average	13	6	F	.47 " "
Average	13	3	F	.44½ " "	July 1854	13	1	F	.38 " "
Jan. 1850	13	1	F	.34 " "		13	3	F	.43 " "
	13	2	F	.50 " "		13	2	F	.54 " "
						13	1	F	.56 " "
Average	13	3	F	.44½ " "	Average	13	7	F	.47½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

DRAWERS-IN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1855	13	1	F	$0.30 per day.
	13	2	F	.43 " "
	13	5	F	.54 " "
	13	2	F	.56 " "
Average	13	10	F	.50 " "
July 1858	13	1	F	.43 " "
	13	3	F	.56 " "
Average	13	4	F	.52½ " "
Jan. 1859	13	2	F	.38 " "
	13	2	F	.54 " "
Average	13	4	F	.46 " "
July 1859	13	4	F	.50 " "
Jan. 1860	13	2	F	.40 " "
	13	1	F	.50 " "
	13	2	F	.54 " "
Average	13	5	F	.47½ " "
July 1860	13	1	F	.45 " "
	13	1	F	.54 " "
	13	1	F	.60 " "
Average	13	3	F	.53 " "
Jan. 1861	13	1	F	.30 " "
	13	2	F	.40 " "
	13	1	F	.50 " "
Average	13	4	F	.40 " "
July 1861	13	3	F	.50 " "
	13	1	F	.54 " "
	13	1	F	.63 " "
Average	13	5	F	.53½ " "
Jan. 1862	12	1	F	.45 " "
	12	2	F	.54 " "
	12	1	F	.63 " "
Average	12	4	F	.54 " "
July 1862	12	1	F	.45 " "
	12	1	F	.54 " "
	12	1	F	.67 " "
Average	12	3	F	.55½ " "
Jan. 1863	12	2	F	.54 " "
July 1863	12	2	F	.54 " "
Jan. 1864	12	2	F	.44 " "
	12	2	F	.67 " "
	12	1	F	.70 " "
Average	12	5	F	.58½ " "
July 1864	12	2	F	.68 " "
Jan. 1865	12	1	F	.66 " "
	12	1	F	.68 " "
Average	12	2	F	.67 " "
July 1865	12	1	F	.50 " "
	12	4	F	.55 " "
	12	2	F	.86 " "
Average	12	7	F	.63 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1866	12	3	F	$0.68 per day.
	12	3	F	1.12 " "
Average	12	6	F	.90 " "
July 1866	12	2	F	.62 " "
	12	2	F	.84 " "
	12	1	F	1.12 " "
Average	12	5	F	.81 " "
Jan. 1867	12	2	F	.84 " "
	12	3	F	1.12 " "
Average	12	5	F	1.01 " "
July 1867	12	1	F	.84 " "
	12	2	F	1.12 " "
Average	12	3	F	1.02½ " "
Jan. 1868	11	2	F	.92 " "
	11	2	F	1.00 " "
Average	11	4	F	.96 " "
July 1868	11	2	F	.70 " "
	11	2	F	1.00 " "
Average	11	4	F	.85 " "
Jan. 1869	11	2	F	.95 " "
	11	3	F	1.00 " "
Average	11	5	F	.98 " "
July 1869	11	2	F	.87 " "
	11	2	F	.95 " "
	11	1	F	1.00 " "
Average	11	5	F	.93 " "
Jan. 1870	11	2	F	.87 " "
	11	1	F	1.00 " "
Average	11	3	F	.91½ " "
July 1870	11	3	F	.62 " "
	11	3	F	.83 " "
	11	5	F	1.00 " "
Average	11	11	F	.85 " "
Jan. 1871	11	3	F	.62 " "
	11	6	F	.83 " "
	11	3	F	1.00 " "
Average	11	12	F	.82 " "
July 1871	11	4	F	.62 " "
	11	6	F	.83 " "
	11	3	F	1.00 " "
Average	11	13	F	.80½ " "
Jan. 1872	11	1	F	.62 " "
	11	6	F	.83 " "
	11	3	F	1.00 " "
	11	1	F	1.16 " "
Average	11	11	F	.88½ " "
July 1872	11	2	F	.62 " "
	11	7	F	.83 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

DRAWERS-IN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1872–conc'd.	11	4	F	$1.00 per day.
	11	2	F	1.16 " "
Average	11	15	F	.89 " "
Jan. 1873	11	2	F	.62 " "
	11	5	F	.83 " "
	11	3	F	1.00 " "
	11	3	F	1.16 " "
Average	11	13	F	.91½ " "
July 1873	11	3	F	.62 " "
	11	2	F	.83 " "
	11	5	F	1.00 " "
	11	3	F	1.16 " "
	11	2	F	1.25 " "
Average	11	15	F	.96½ " "
Jan. 1874	11	2	F	.62 " "
	11	4	F	.83 " "
	11	3	F	1.16 " "
	11	1	F	1.25 " "
Average	11	10	F	.93 " "
July 1874	11	5	F	.85 " "
	11	3	F	1.00 " "
	11	4	F	1.16 " "
	11	2	F	1.25 " "
Average	11	14	F	1.03 " "
Jan. 1875	10	1	F	.73 " "
	10	1	F	1.20 " "
Average	10	2	F	.96½ " "
July 1875	10	1	F	.73 " "
Jan. 1876	10	4	F	.87½ " "
July 1876	10	4	F	.87½ " "
Jan. 1877	10	4	F	.87½ " "
July 1877	10	4	F	.87½ " "
Jan. 1878	10	2	F	.60 " "
	10	3	F	.87½ " "
Average	10	5	F	.76½ " "
July 1878	10	2	F	.60 " "
	10	3	F	.90 " "
Average	10	5	F	.78 " "
Jan. 1879	10	1	F	.60 " "
	10	6	F	.85 " "
	10	3	F	.90 " "
	10	2	F	.95 " "
Average	10	12	F	.86 " "
July 1879	10	1	F	.60 " "
	10	1	F	.85 " "
	10	7	F	.90 " "
	10	3	F	.95 " "
Average	10	12	F	.88½ " "
Jan. 1880	10	5	F	.90 " "
	10	6	F	.95 " "
	10	6	F	1.00 " "
Average	10	17	F	.95½ " "
July 1880	10	3	F	$0.95 per day.
	10	5	F	1.00 " "
	10	6	F	1.05 " "
Average	10	14	F	1.01 " "
Jan. 1881	10	5	F	.95 " "
	10	5	F	1.00 " "
	10	11	F	1.05 " "
Average	10	21	F	1.01½ " "
July 1881	10	4	F	.95 " "
	10	5	F	1.00 " "
	10	5	F	1.05 " "
Average	10	14	F	1.00½ " "
Jan. 1882	10	5	F	.90 " "
	10	1	F	1.00 " "
	10	4	F	1.05 " "
Average	10	10	F	.97 " "
July 1882	10	6	F	.90 " "
	10	1	F	1.00 " "
	10	5	F	1.05 " "
Average	10	12	F	.97 " "
Jan. 1883	10	2	F	.65 " "
	10	6	F	.95 " "
	10	2	F	1.00 " "
	10	3	F	1.05 " "
Average	10	13	F	.93½ " "
July 1883	10	2	F	.65 " "
	10	5	F	.95 " "
	10	4	F	1.00 " "
	10	5	F	1.05 " "
Average	10	16	F	.95½ " "
Jan. 1884	10	2	F	.65 " "
	10	4	F	.95 " "
	10	6	F	1.00 " "
Average	10	12	F	.92½ " "
July 1884	10	4	F	.95 " "
	10	6	F	1.00 " "
Average	10	10	F	.98 " "
Jan. 1885	10	1	F	.65 " "
	10	4	F	.95 " "
	10	6	F	1.00 " "
Average	10	11	F	.95 " "
July 1885	10	1	F	.65 " "
	10	4	F	.95 " "
	10	6	F	1.00 " "
Average	10	11	F	.95 " "
Jan. 1886	10	3	F	1.00 " "
	10	5	F	1.10 " "
Average	10	8	F	1.06½ " "
July 1886	10	3	F	1.00 " "
	10	5	F	1.10 " "
Average	10	8	F	1.06½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

DRAWERS-IN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1887	10	2	F	$0.60 per day.	July 1889	10	4	F	$0.90 per day.
	10	2	F	.90 " "		10	4	F	1.00 " "
	10	4	F	1.00 " "		10	2	F	1.10 " "
	10	3	F	1.10 " "	Average	10	10	F	.98 " "
Average	10	11	F	.93½ " "	Jan. 1890	10	3	F	.90 " "
July 1887	10	2	F	.60 " "		10	7	F	1.00 " "
	10	2	F	.90 " "		10	2	F	1.10 " "
	10	4	F	1.00 " "	Average	10	12	F	.99 " "
	10	3	F	1.10 " "	July 1890	10	2	F	.90 " "
Average	10	11	F	.93½ " "		10	7	F	1.00 " "
Jan. 1888	10	2	F	.60 " "		10	2	F	1.10 " "
	10	2	F	.90 " "		10	1	F	1.25 " "
	10	4	F	1.00 " "	Average	10	12	F	1.02 " "
	10	4	F	1.10 " "	Jan. 1891	10	4	F	.60 " "
Average	10	12	F	.95 " "		10	2	F	.90 " "
July 1888	10	4	F	.90 " "		10	6	F	1.00 " "
	10	4	F	1.00 " "		10	3	F	1.10 " "
	10	2	F	1.10 " "		10	2	F	1.25 " "
Average	10	10	F	.98 " "	Average	10	17	F	.94 " "
Jan. 1889	10	4	F	.90 " "	July 1891	10	4	F	.60 " "
	10	4	F	1.00 " "		10	2	F	.90 " "
	10	2	F	1.10 " "		10	6	F	1.00 " "
						10	2	F	1.10 " "
						10	3	F	1.25 " "
Average	10	10	F	.98 " "	Average	10	17	F	.95 " "

DRAWING HANDS.

July 1842	13	4	F	.40 per day.	Jan. 1850	13	6	F	.42 per day.
	13	12	F	.44 " "	July 1850	13	5	F	.42 " "
	13	5	F	.45 " "	Jan. 1851	13	3	F	.42 " "
Average	13	21	F	.43½ " "	July 1851	13	3	F	.42 " "
Jan. 1843	13	3	F	.40 " "	Jan. 1852	13	4	F	.42 " "
	13	4	F	.42 " "	July 1852	13	5	F	.42 " "
	13	2	F	.44 " "	Jan. 1853	13	2	F	.38 " "
	13	1	F	.45 " "		13	1	F	.48 " "
Average	13	10	F	.42 " "	Average	13	3	F	.41½ " "
July 1843	13	7	F	.42 " "	July 1853	13	3	F	.42 " "
	13	2	F	.44 " "		13	1	F	.50 " "
Average	13	9	F	.42½ " "	Average	13	4	F	.44 " "
Jan. 1844	13	7	F	.42 " "	Jan. 1854	13	4	F	.42 " "
						13	1	F	.48 " "
July 1844	13	10	F	.42 " "	Average	13	5	F	.43 " "
	13	1	F	.44 " "	July 1854	13	5	F	.42 " "
Average	13	11	F	.42 " "	Jan. 1855	13	5	F	.42 " "
					July 1855	13	4	F	.42 " "
Jan. 1845	13	7	F	.42 " "	July 1858	13	3	F	.42 " "
July 1845	13	7	F	.42 " "	Jan. 1859	13	3	F	.42 " "
Jan. 1846	13	5	F	.42 " "	July 1859	13	5	F	.42 " "
July 1846	13	6	F	.42 " "	Jan. 1860	13	4	F	.42 " "
Jan. 1847	13	8	F	.42 " "	July 1860	13	3	F	.50 " "
July 1847	13	7	F	.42 " "	Jan. 1861	13	3	F	.50 " "
Jan. 1848	13	6	F	.42 " "	July 1861	13	3	F	.50 " "
July 1848	13	6	F	.42 " "	Jan. 1862	12	3	F	.50 " "
Jan. 1849	13	6	F	.42 " "	July 1862	12	2	F	.40 " "
July 1849	13	6	F	.42 " "	Jan. 1863	12	2	F	.40 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

DRAWING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1863	12	2	F	$0.40 per day.	Jan. 1879	10	8	F	$0.45 per day.
Jan. 1864	12	3	F	.50 " "		10	1	F	.70 " "
July 1864	12	2	F	.50 " "	Average	10	9	F	.48 " "
Jan. 1865	12	2	F	.50 " "					
July 1865	12	4	F	.54 " "	July 1879	10	8	F	.45 " "
Jan. 1866	12	4	F	.67 " "		10	1	F	.70 " "
July 1866	12	5	F	.67 " "	Average	10	9	F	.48 " "
Jan. 1867	12	4	F	.67 " "					
July 1867	12	5	F	.67 " "	Jan. 1880	10	6	F	.45 " "
Jan. 1868	11	4	F	.67 " "		10	1	F	.70 " "
July 1868	11	6	F	.67 " "	Average	10	7	F	.48½ " "
Jan. 1869	11	4	F	.67 " "					
July 1869	11	6	F	.67 " "	July 1880	10	7	F	.50 " "
Jan. 1870	11	5	F	.67 " "					
July 1870	11	7	F	.67 " "	Jan. 1881	10	6	F	.45 " "
Jan. 1871	11	8	F	.67 " "		10	2	F	.50 " "
July 1871	11	5	F	.67 " "	Average	10	8	F	.46½ " "
Jan. 1872	11	4	F	.67 " "					
July 1872	11	2	F	.67 " "	July 1881	10	5	F	.40 " "
						10	8	F	.50 " "
Jan. 1873	11	2	F	.58 " "	Average	10	13	F	.46 " "
	11	2	F	.67 " "					
Average	11	4	F	.62½ " "	Jan. 1882	10	4	F	.45 " "
						10	6	F	.55 " "
July 1873	11	4	F	.67 " "	Average	10	10	F	.51 " "
Jan. 1874	11	1	F	.58 " "					
	11	2	F	.64 " "	July 1882	10	5	F	.45 " "
Average	11	3	F	.62 " "		10	6	F	.55 " "
					Average	10	11	F	.50½ " "
July 1874	11	1	F	.57 " "					
	11	2	F	.64 " "	Jan. 1883	10	6	F	.40 " "
Average	11	3	F	.61½ " "		10	5	F	.55 " "
					Average	10	11	F	.47 " "
Jan. 1875	10	2	F	.58 " "					
	10	5	F	.64½ " "	July 1883	10	7	F	.40 " "
Average	10	7	F	.62½ " "		10	6	F	.55 " "
					Average	10	13	F	.47 " "
July 1875	10	2	F	.58 " "					
	10	5	F	.64½ " "	Jan. 1884	10	3	F	.45 " "
Average	10	7	F	.62½ " "		10	4	F	.55 " "
					Average	10	7	F	.50½ " "
Jan. 1876	10	3	F	.58 " "					
	10	4	F	.64½ " "	July 1884	10	3	F	.45 " "
Average	10	7	F	.61½ " "		10	2	F	.55 " "
					Average	10	5	F	.49 " "
July 1876	10	5	F	.55 " "					
	10	1	F	.75 " "	Jan. 1885	10	3	F	.45 " "
Average	10	6	F	.58½ " "		10	3	F	.55 " "
					Average	10	6	F	.50 " "
Jan. 1877	10	6	F	.50 " "					
	10	1	F	.70 " "	July 1885	10	3	F	.45 " "
Average	10	7	F	.53 " "		10	4	F	.55 " "
					Average	10	7	F	.50½ " "
July 1877	10	6	F	.50 " "					
	10	1	F	.70 " "	Jan. 1886	10	7	F	.65 " "
Average	10	7	F	.53 " "		10	5	F	.85 " "
					Average	10	12	F	.73½ " "
Jan. 1878	10	6	F	.50 " "					
	10	2	F	.70 " "	July 1886	10	7	F	.65 " "
Average	10	8	F	.55 " "		10	5	F	.85 " "
					Average	10	12	F	.73½ " "
July 1878	10	8	F	.50 " "					
	10	3	F	.70 " "					
Average	10	11	F	.55½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

DRAWING HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1887	10	6	F	$0.50 per day.	July 1889	10	5	F	$0.50 per day.
	10	4	F	.65 " "		10	4	F	.65 " "
Average	10	10	F	.56 " "	Average	10	9	F	.56½ " "
July 1887	10	6	F	.50 " "	Jan. 1890	10	6	F	.50 " "
	10	4	F	.65 " "		10	4	F	.65 " "
Average	10	10	F	.56 " "	Average	10	10	F	.56 " "
Jan. 1888	10	6	F	.50 " "	July 1890	10	6	F	.50 " "
	10	4	F	.65 " "		10	4	F	.65 " "
Average	10	10	F	.56 " "	Average	10	10	F	.56 " "
July 1888	10	5	F	.50 " "	Jan. 1891	10	6	F	.50 " "
	10	4	F	.65 " "		10	4	F	.65 " "
Average	10	9	F	.56½ " "	Average	10	10	F	.56 " "
Jan. 1889	10	5	F	.50 " "	July 1891	10	6	F	.50 " "
	10	4	F	.65 " "		10	5	F	.65 " "
Average	10	9	F	.56½ " "	Average	10	11	F	.57 " "

ENGINEERS.

Jan. 1879	10	1	M	2.29 per day.	July 1885	10	1	M	2.00 per day.
July 1879	10	1	M	2.29 " "	Jan. 1886	10	1	M	2.00 " "
Jan. 1880	10	1	M	2.29 " "	July 1886	10	1	M	2.00 " "
July 1880	10	1	M	2.29 " "	Jan. 1887	10	1	M	2.00 " "
Jan. 1881	10	1	M	2.29 " "	July 1887	10	1	M	2.00 " "
July 1881	10	1	M	2.29 " "	Jan. 1888	10	2	M	1.65 " "
Jan. 1882	10	1	M	2.29 " "	July 1888	10	2	M	1.65 " "
July 1882	10	1	M	2.29 " "	Jan. 1889	10	2	M	1.65 " "
Jan. 1883	10	1	M	2.29 " "	July 1889	10	2	M	1.65 " "
July 1883	10	1	M	2.29 " "	Jan. 1890	10	2	M	1.65 " "
Jan. 1884	10	1	M	2.08½ " "	July 1890	10	2	M	1.65 " "
July 1884	10	1	M	2.08½ " "	Jan. 1891	10	2	M	1.65 " "
Jan. 1885	10	1	M	2.00 " "	July 1891	10	2	M	1.65 " "

FIREMEN.

Jan. 1876	10	2	M	1.35 per day.	July 1879	10	1	M	1.50 per day.
	10	2	M	1.66½ " "		10	1	M	1.66½ " "
Average	10	4	M	1.50½ " "	Average	10	2	M	1.58½ " "
July 1876	10	2	M	1.66½ " "	Jan. 1880	10	1	M	1.50 " "
Jan. 1877	10	2	M	1.20 " "	July 1880	10	1	M	1.50 " "
	10	2	M	1.50 " "	Jan. 1881	10	1	M	1.50 " "
Average	10	4	M	1.35 " "	July 1881	10	1	M	1.50 " "
Jan. 1878	10	2	M	1.20 " "	Jan. 1882	10	1	M	1.20 " "
	10	2	M	1.50 " "		10	1	M	1.60 " "
Average	10	4	M	1.35 " "	Average	10	2	M	1.40 " "
July 1878	10	2	M	1.20 " "	July 1882	10	1	M	1.20 " "
	10	1	M	1.50 " "		10	1	M	1.60 " "
Average	10	3	M	1.30 " "	Average	10	2	M	1.40 " "
Jan. 1879	10	2	M	1.20 " "	Jan. 1883	10	1	M	1.20 " "
	10	1	M	1.50 " "		10	1	M	1.60 " "
Average	10	3	M	1.30 " "	Average	10	2	M	1.40 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

FIREMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	1	M	$1.20 per day.
	10	1	M	1.60 " "
Average	10	2	M	1.40 " "
Jan. 1884	10	1	M	1.20 " "
	10	1	M	1.60 " "
Average	10	2	M	1.40 " "
July 1884	10	1	M	1.20 " "
	10	1	M	1.60 " "
Average	10	2	M	1.40 " "
Jan. 1885	10	1	M	1.30 " "
	10	1	M	1.60 " "
Average	10	2	M	1.45 " "
July 1885	10	1	M	1.30 " "
	10	1	M	1.60 " "
Average	10	2	M	1.45 " "
Jan. 1886	10	1	M	1.25 " "
	10	1	M	1.60 " "
Average	10	2	M	1.42½ " "
July 1886	10	1	M	$1.25 per day.
	10	1	M	1.60 " "
Average	10	2	M	1.42½ " "
Jan. 1887	10	1	M	1.15 " "
	10	1	M	1.65 " "
Average	10	2	M	1.40 " "
July 1887	10	1	M	1.15 " "
	10	1	M	1.65 " "
Average	10	2	M	1.40 " "
Jan. 1888	10	1	M	1.10 " "
	10	2	M	1.50 " "
Average	10	3	M	1.36½ " "
July 1888	10	1	M	1.10 " "
	10	2	M	1.50 " "
Average	10	3	M	1.36½ " "
Jan. 1889	10	1	M	1.50 " "
July 1889	10	1	M	1.50 " "
Jan. 1890	10	2	M	1.50 " "
July 1890	10	2	M	1.50 " "
Jan. 1891	10	2	M	1.50 " "
July 1891	10	2	M	1.50 " "

FOLDERS.

July 1870	11	1	F	.90 per day.
Jan. 1872	11	1	F	.90 " "
July 1872	11	1	F	1.00 " "
Jan. 1873	11	1	F	.90 " "
	11	5	F	1.00 " "
Average	11	6	F	.98½ " "
July 1873	11	4	F	1.00 " "
Jan. 1874	11	4	F	1.00 " "
July 1874	11	5	F	.90 " "
Jan. 1875	10	4	F	.82 " "
July 1875	10	4	F	.82 " "
Jan. 1876	10	5	F	.95 " "
July 1876	10	5	F	.95 " "
Jan. 1877	10	3	F	.90 " "
July 1877	10	5	F	.90 " "
Jan. 1878	10	5	F	.90 " "
July 1878	10	5	F	.90 " "
Jan. 1879	10	6	F	.85 " "
July 1879	10	5	F	.85 " "
Jan. 1880	10	5	F	.85 " "
July 1880	10	5	F	.90 " "
Jan. 1881	10	5	F	.90 " "
July 1881	10	5	F	.90 " "
Jan. 1882	10	5	F	.94 " "
July 1882	10	4	F	.94 " "
Jan. 1883	10	5	F	.94 " "
July 1883	10	5	F	.94 " "
Jan. 1884	10	6	F	.92 " "
July 1884	10	5	F	.92 " "
Jan. 1885	10	4	F	.92 " "
July 1885	10	4	F	.92 " "
Jan. 1886	10	6	F	.92 " "
July 1886	10	6	F	.92 " "
Jan. 1887	10	6	F	.95 per day.
July 1887	10	6	F	.95 " "
Jan. 1888	10	1	F	.85 " "
	10	6	F	.95 " "
Average	10	7	F	.93½ " "
July 1888	10	1	F	.85 " "
	10	7	F	.95 " "
Average	10	8	F	.93½ " "
Jan. 1889	10	1	F	.90 " "
	10	7	F	.95 " "
Average	10	8	F	.94½ " "
July 1889	10	1	F	.90 " "
	10	7	F	.95 " "
Average	10	8	F	.94½ " "
Jan. 1890	10	1	F	.90 " "
	10	9	F	.95 " "
	10	1	F	1.00 " "
Average	10	11	F	.95 " "
July 1890	10	1	F	.90 " "
	10	8	F	.95 " "
	10	1	F	1.00 " "
Average	10	10	F	.95 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

FOLDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891	10	1	F	$0.90 per day.	July 1891	10	1	F	$0.90 per day.
	10	7	F	.95 " "		10	9	F	.95 " "
	10	1	F	1.00 " "		10	1	F	1.00 " "
Average	10	9	F	.95 " "	Average	10	11	F	.95 " "

FOREMEN, CARPENTERS.

July 1858	13	1	M	1.65 per day.	July 1875	10	1	M	3.18 per day.
Jan. 1859	13	1	M	1.65 " "	Jan. 1876	10	1	M	3.50 " "
July 1859	13	1	M	1.75 " "	July 1876	10	1	M	3.50 " "
Jan. 1860	13	1	M	1.75 " "	Jan. 1877	10	1	M	3.25 " "
July 1860	13	1	M	1.87 " "	July 1877	10	1	M	3.25 " "
Jan. 1861	13	1	M	1.87 " "	Jan. 1878	10	1	M	3.25 " "
July 1861	13	1	M	1.87 " "	July 1878	10	1	M	3.25 " "
Jan. 1862	12	1	M	1.87 " "	Jan. 1879	10	1	M	3.25 " "
July 1862	12	1	M	2.00 " "	July 1879	10	1	M	3.00 " "
Jan. 1863	12	1	M	2.00 " "	Jan. 1880	10	1	M	3.00 " "
July 1863	12	1	M	2.00 " "	July 1880	10	1	M	3.00 " "
Jan. 1864	12	1	M	2.00 " "	Jan. 1881	10	1	M	3.00 " "
July 1864	12	1	M	2.25 " "	Jnly 1881	10	1	M	3.00 " "
Jan. 1865	12	1	M	2.50 " "	Jan. 1882	10	1	M	3.25 " "
July 1865	12	1	M	2.50 " "	July 1882	10	1	M	3.50 " "
Jan. 1866	12	1	M	3.00 " "	Jan. 1883	10	1	M	3.50 " "
July 1866	12	1	M	3.00 " "	July 1883	10	1	M	3.50 " "
Jan. 1867	12	1	M	3.25 " "	Jan. 1884	10	1	M	3.50 " "
July 1867	12	1	M	3.25 " "	July 1884	10	1	M	3.50 " "
Jan. 1868	11	1	M	3.50 " "	Jan. 1885	10	1	M	3.50 " "
July 1868	11	1	M	3.50 " "	July 1885	10	1	M	3.50 " "
Jan. 1869	11	1	M	3.50 " "	Jan. 1886	10	1	M	3.50 " "
July 1869	11	1	M	3.50 " "	July 1886	10	1	M	3.50 " "
Jan. 1870	11	1	M	3.50 " "	Jan. 1887	10	1	M	3.50 " "
July 1870	11	1	M	3.75 " "	July 1887	10	1	M	3.50 " "
Jan. 1871	11	1	M	3.75 " "	Jan. 1888	10	1	M	3.50 " "
July 1871	11	1	M	3.75 " "	July 1888	10	1	M	3.50 " "
Jan. 1872	11	1	M	3.75 " "	Jan. 1889	10	1	M	3.50 " "
July 1872	11	1	M	3.75 " "	July 1889	10	1	M	3.50 " "
Jan. 1873	11	1	M	3.75 " "	Jan. 1890	10	1	M	3.50 " "
July 1873	11	1	M	3.50 " "	Jnly 1890	10	1	M	3.50 " "
Jan. 1874	11	1	M	3.50 " "	Jan. 1891	10	1	M	3.50 " "
July 1874	11	1	M	3.50 " "	July 1891	10	1	M	3.50 " "
Jan. 1875	10	1	M	3.18 " "					

FOREMEN, MACHINISTS.

July 1858	13	1	M	1.75 per day.	Jan. 1871	11	1	M	4.50 per day.
Jan. 1859	13	1	M	1.75 " "	July 1871	11	1	M	4.50 " "
July 1859	13	1	M	1.75 " "	Jan. 1872	11	1	M	4.50 " "
Jan. 1860	13	1	M	1.75 " "	July 1872	11	1	M	4.50 " "
July 1860	13	1	M	1.75 " "	Jan. 1873	11	1	M	3.25 " "
Jan. 1861	13	1	M	1.75 " "	July 1873	11	1	M	3.50 " "
July 1861	13	1	M	1.75 " "	Jan. 1874	11	1	M	3.50 " "
Jan. 1862	12	1	M	1.65 " "	July 1874	11	1	M	3.50 " "
July 1862	12	1	M	1.65 " "	Jan. 1875	10	1	M	3.18 " "
Jan. 1863	12	1	M	2.00 " "	July 1875	10	1	M	3.18 " "
July 1863	12	1	M	2.00 " "	Jan. 1876	10	1	M	3.50 " "
Jan. 1864	12	1	M	2.08 " "	July 1876	10	1	M	3.50 " "
Jnly 1864	12	8	M	2.25 " "	Jan. 1877	10	1	M	3.75 " "
Jan. 1865	12	1	M	2.50 " "	July 1877	10	1	M	3.75 " "
July 1865	12	8	M	2.50 " "	Jan. 1878	10	1	M	3.75 " "
Jan. 1866	12	1	M	3.00 " "	July 1878	10	1	M	3.75 " "
Jnly 1866	12	1	M	3.25 " "	Jan. 1879	10	1	M	3.75 " "
Jan. 1867	12	1	M	3.25 " "	July 1879	10	1	M	3.00 " "
July 1867	12	1	M	3.50 " "	Jan. 1880	10	1	M	3.00 " "
Jan. 1868	11	1	M	4.00 " "	July 1880	10	1	M	3.00 " "
July 1868	11	1	M	4.50 " "	Jan. 1881	10	1	M	3.00 " "
Jan. 1869	11	1	M	4.50 " "	July 1881	10	1	M	3.00 " "
July 1869	11	1	M	4.50 " "	Jan. 1882	10	1	M	3.25 " "
Jan. 1870	11	1	M	4.50 " "	July 1882	10	1	M	3.50 " "
July 1870	11	1	M	4.50 " "	Jan. 1883	10	1	M	3.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

FOREMEN, MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	1	M	$3.50 per day.	Jan. 1888	10	1	M	$3.50 per day.
Jan. 1884	10	1	M	3.50 " "	July 1888	10	1	M	3.50 " "
July 1884	10	1	M	3.50 " "	Jan. 1889	10	1	M	4.00 " "
Jan. 1885	10	1	M	3.50 " "	July 1889	10	1	M	4.00 " "
July 1885	10	1	M	3.50 " "	Jan. 1890	10	1	M	4.00 " "
Jan. 1886	10	1	M	3.25 " "	July 1890	10	1	M	4.00 " "
July 1886	10	1	M	3.25 " "	Jan. 1891	10	1	M	4.00 " "
Jan. 1887	10	1	M	3.50 " "	July 1891	10	1	M	4.00 " "
July 1887	10	1	M	3.50 " "					

FOREMEN, PAINTERS.

July 1868	11	1	M	2.75 per day.	July 1880	10	1	M	2.50 per day.
Jan. 1869	11	1	M	2.75 " "	Jan. 1881	10	1	M	2.50 " "
July 1869	11	1	M	3.00 " "	July 1881	10	1	M	2.50 " "
Jan. 1870	11	1	M	3.00 " "	Jan. 1882	10	1	M	2.65 " "
July 1870	11	1	M	3.00 " "	July 1882	10	1	M	2.75 " "
Jan. 1871	11	1	M	3.00 " "	Jan. 1883	10	1	M	2.75 " "
July 1871	11	1	M	3.00 " "	July 1883	10	1	M	2.75 " "
Jan. 1872	11	1	M	3.00 " "	Jan. 1884	10	1	M	2.65 " "
July 1872	11	1	M	3.00 " "	July 1884	10	1	M	2.65 " "
Jan. 1873	11	1	M	3.00 " "	Jan. 1885	10	1	M	2.65 " "
July 1873	11	1	M	3.00 " "	July 1885	10	1	M	2.65 " "
Jan. 1874	11	1	M	3.00 " "	Jan. 1886	10	1	M	2.65 " "
July 1874	11	1	M	3.00 " "	July 1886	10	1	M	2.65 " "
Jan. 1875	10	1	M	2.72½ " "	Jan. 1887	10	1	M	2.65 " "
July 1875	10	1	M	2.72½ " "	July 1887	10	1	M	2.65 " "
Jan. 1876	10	1	M	3.00 " "	Jan. 1888	10	1	M	2.65 " "
July 1876	10	1	M	3.00 " "	July 1888	10	1	M	2.65 " "
Jan. 1877	10	1	M	2.50 " "	Jan. 1889	10	1	M	2.65 " "
July 1877	10	1	M	2.50 " "	July 1889	10	1	M	2.65 " "
Jan. 1878	10	1	M	2.50 " "	Jan. 1890	10	1	M	2.75 " "
July 1878	10	1	M	2.50 " "	July 1890	10	1	M	2.75 " "
Jan. 1879	10	1	M	2.50 " "	Jan. 1891	10	1	M	2.75 " "
July 1879	10	1	M	2.50 " "	July 1891	10	1	M	2.75 " "
Jan. 1880	10	1	M	2.50 " "					

FOREMEN, YARD.

July 1847	13	1	M	1.62½ per day.	Jan. 1867	12	1	M	2.50 per day.
Jan. 1848	13	1	M	1.62½ " "	July 1867	12	1	M	2.50 " "
July 1848	13	1	M	1.62½ " "	Jan. 1868	11	1	M	2.50 " "
Jan. 1849	13	1	M	1.62½ " "	July 1868	11	1	M	2.50 " "
July 1849	13	1	M	1.62½ " "	Jan. 1869	11	1	M	2.50 " "
Jan. 1850	13	1	M	1.62½ " "	July 1869	11	1	M	2.50 " "
July 1850	13	1	M	1.62½ " "	Jan. 1870	11	1	M	2.50 " "
Jan. 1851	13	1	M	1.62½ " "	July 1870	11	1	M	2.50 " "
July 1851	13	1	M	1.62½ " "	Jan. 1871	11	1	M	2.50 " "
Jan. 1852	13	1	M	1.75 " "	July 1871	11	1	M	2.50 " "
July 1852	13	1	M	1.75 " "	Jan. 1872	11	1	M	2.50 " "
Jan. 1853	13	1	M	1.75 " "	July 1872	11	1	M	2.50 " "
July 1853	13	1	M	1.75 " "	Jan. 1873	11	1	M	2.50 " "
Jan. 1854	13	1	M	2.00 " "	July 1873	11	1	M	2.50 " "
July 1858	13	1	M	1.75 " "	Jan. 1874	11	1	M	2.50 " "
Jan. 1859	13	1	M	1.75 " "	July 1874	11	1	M	2.50 " "
July 1859	13	1	M	2.00 " "	Jan. 1875	10	1	M	2.50 " "
Jan. 1860	13	1	M	2.00 " "	July 1875	10	1	M	2.50 " "
July 1860	13	1	M	2.00 " "	Jan. 1876	10	1	M	2.50 " "
Jan. 1861	13	1	M	2.00 " "	July 1876	10	1	M	2.50 " "
July 1861	13	1	M	2.00 " "	Jan. 1877	10	1	M	2.50 " "
Jan. 1862	12	1	M	2.00 " "	July 1877	10	1	M	2.50 " "
July 1862	12	1	M	2.00 " "	Jan. 1878	10	1	M	2.50 " "
Jan. 1863	12	1	M	2.00 " "	July 1878	10	1	M	2.50 " "
July 1863	12	1	M	2.00 " "	Jan. 1879	10	1	M	2.50 " "
Jan. 1864	12	1	M	2.00 " "	July 1879	10	1	M	2.50 " "
July 1864	12	1	M	2.00 " "	Jan. 1880	10	1	M	2.50 " "
Jan. 1865	12	1	M	2.00 " "	July 1880	10	1	M	2.50 " "
July 1865	12	1	M	2.25 " "	Jan. 1881	10	1	M	2.50 " "
Jan. 1866	12	1	M	2.50 " "	July 1881	10	1	M	2.50 " "
July 1866	12	1	M	2.50 " "	Jan. 1882	10	1	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

FOREMEN, YARD—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1882	10	1	M	$2.50 per day.	July 1887	10	1	M	$2.25 per day.
Jan. 1883	10	1	M	2.50 " "	Jan. 1888	10	1	M	2.25 " "
July 1883	10	1	M	2.50 " "	July 1888	10	1	M	2.25 " "
Jan. 1884	10	1	M	2.50 " "	Jan. 1889	10	1	M	2.50 " "
July 1884	10	1	M	2.50 " "	July 1889	10	1	M	2.50 " "
Jan. 1885	10	1	M	2.50 " "	Jan. 1890	10	1	M	2.50 " "
July 1885	10	1	M	2.50 " "	July 1890	10	1	M	2.50 " "
Jan. 1886	10	1	M	2.25 " "	Jan. 1891	10	1	M	2.50 " "
July 1886	10	1	M	2.25 " "	July 1891	10	1	M	2.50 " "
Jan. 1887	10	1	M	2.25 " "					

LAPPER TENDERS.

Jan. 1875	10	1	M	.91 per day.	Jan. 1887	10	1	M	.75 per day.
July 1875	10	1	M	.91 " "		10	2	M	.90 " "
Jan. 1876	10	1	M	.91 " "	Average	10	3	M	.85 " "
July 1876	10	1	M	.80 " "					
Jan. 1877	10	1	M	.75 " "					
July 1877	10	1	M	.75 " "	July 1887	10	1	M	.75 " "
Jan. 1878	10	1	M	.75 " "		10	2	M	.90 " "
July 1878	10	1	M	.75 " "	Average	10	3	M	.85 " "
Jan. 1879	10	4	M	.60 " "					
July 1879	10	4	M	.60 " "	Jan. 1888	10	1	M	.75 " "
Jan. 1880	10	1	M	.75 " "		10	2	M	.90 " "
July 1880	10	1	M	.75 " "	Average	10	3	M	.85 " "
Jan. 1881	10	1	M	.80 " "					
July 1881	10	1	M	.80 " "	July 1888	10	2	M	.80 " "
Jan. 1882	10	2	M	.85 " "	Jan. 1889	10	2	M	.80 " "
July 1882	10	2	M	.85 " "	July 1889	10	2	M	.80 " "
Jan. 1883	10	2	M	.85 " "	Jan. 1890	10	4	M	.80 " "
July 1883	10	2	M	.85 " "	July 1890	10	4	M	.80 " "
Jan. 1884	10	2	M	.85 " "	Jan. 1891	10	1	M	1.00 " "
July 1884	10	2	M	.85 " "	July 1891	10	1	M	1.00 " "
Jan. 1885	10	2	M	.85 " "					
July 1885	10	2	M	.85 " "					
Jan. 1886	10	2	M	.80 " "					
July 1886	10	2	M	.80 " "					

MACHINISTS.

Jan. 1844	13	1	M	1.00 per day.	Jan. 1848	13	1	M	1.08 per day.
July 1844	13	1	M	1.16 " "		13	2	M	1.25 " "
Jan. 1845	13	1	M	1.16 " "		13	4	M	1.50 " "
July 1845	13	1	M	1.25 " "	Average	13	7	M	1.37 " "
	13	2	M	1.33 " "					
Average	13	3	M	1.30½ " "	July 1848	13	1	M	1.08 " "
						13	1	M	1.16½ " "
Jan. 1846	13	1	M	1.25 " "		13	1	M	1.33 " "
	13	2	M	1.50 " "		13	4	M	1.50 " "
Average	13	3	M	1.41½ " "	Average	13	7	M	1.37 " "
July 1846	13	1	M	1.00 " "					
	13	2	M	1.25 " "	Jan. 1849	13	1	M	1.08 " "
	13	3	M	1.50 " "		13	1	M	1.16½ " "
						13	1	M	1.33 " "
Average	13	6	M	1.33½ " "		13	3	M	1.50 " "
Jan. 1847	13	1	M	1.00 " "	Average	13	6	M	1.34½ " "
	13	2	M	1.25 " "					
	13	3	M	1.50 " "	July 1849	13	1	M	1.00 " "
						13	1	M	1.08 " "
Average	13	6	M	1.33½ " "		13	1	M	1.16½ " "
July 1847	13	2	M	1.25 " "		13	1	M	1.33 " "
	13	3	M	1.50 " "		13	3	M	1.50 " "
Average	13	5	M	1.40 " "	Average	13	7	M	1.29½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1850	13	1	M	$1.16½ per day.
	13	2	M	1.33 " "
	13	2	M	1.50 " "
Average	13	5	M	1.36½ " "
July 1850	13	2	M	1.25 " "
	13	2	M	1.33 " "
	13	1	M	1.50 " "
	13	1	M	1.62½ " "
	13	1	M	1.67 " "
Average	13	7	M	1.42 " "
Jan. 1851	13	1	M	1.00 " "
	13	2	M	1.25 " "
	13	2	M	1.33 " "
	13	1	M	1.62½ " "
	13	1	M	1.67 " "
Average	13	7	M	1.35 " "
July 1851	13	1	M	1.16 " "
	13	2	M	1.33 " "
	13	1	M	1.50 " "
	13	1	M	1.62½ " "
Average	13	5	M	1.39 " "
Jan. 1852	13	1	M	1.08 " "
	13	2	M	1.16 " "
	13	2	M	1.33 " "
	13	1	M	1.50 " "
	13	1	M	1.75 " "
Average	13	7	M	1.33 " "
July 1852	13	1	M	1.25 " "
	13	1	M	1.33 " "
	13	4	M	1.50 " "
Average	13	6	M	1.43 " "
Jan. 1853	13	1	M	1.33 " "
	13	2	M	1.50 " "
	13	1	M	1.62 " "
	13	1	M	1.67 " "
Average	13	5	M	1.52½ " "
July 1853	13	4	M	1.62 " "
	13	2	M	1.67 " "
	13	1	M	1.87 " "
Average	13	7	M	1.67 " "
Jan. 1854	13	4	M	1.62 " "
	13	2	M	1.75 " "
	13	1	M	1.87 " "
Average	13	7	M	1.69½ " "
July 1858	13	3	M	.75 " "
	13	3	M	1.15 " "
	13	3	M	1.25 " "
	13	2	M	1.30 " "
	13	3	M	1.40 " "
	13	8	M	1.50 " "
Average	13	22	M	1.28½ " "
Jan. 1859	13	3	M	.75 " "
	13	4	M	1.15 " "
	13	3	M	1.25 " "
	13	2	M	1.30 " "
	13	4	M	1.35 " "
Jan. 1859–conc'd.	13	2	M	$1.40 per day.
	13	6	M	1.50 " "
Average	13	24	M	1.26½ " "
July 1859	13	2	M	.75 " "
	13	3	M	1.15 " "
	13	3	M	1.25 " "
	13	4	M	1.30 " "
	13	2	M	1.35 " "
	13	2	M	1.40 " "
	13	7	M	1.50 " "
Average	13	23	M	1.30 " "
Jan. 1860	13	1	M	.75 " "
	13	4	M	1.15 " "
	13	3	M	1.25 " "
	13	2	M	1.35 " "
	13	2	M	1.40 " "
	13	9	M	1.50 " "
	13	2	M	1.65 " "
	13	1	M	1.75 " "
Average	13	24	M	1.38 " "
July 1860	13	1	M	.75 " "
	13	2	M	1.15 " "
	13	3	M	1.25 " "
	13	3	M	1.35 " "
	13	4	M	1.40 " "
	13	7	M	1.50 " "
	13	3	M	1.65 " "
	13	1	M	1.75 " "
Average	13	24	M	1.40 " "
Jan. 1861	13	1	M	.83 " "
	13	1	M	1.25 " "
	13	3	M	1.35 " "
	13	7	M	1.50 " "
	13	1	M	1.65 " "
	13	1	M	1.75 " "
Average	13	14	M	1.43 " "
July 1861	13	1	M	.83 " "
	13	1	M	1.25 " "
	13	1	M	1.35 " "
	13	1	M	1.40 " "
	13	5	M	1.50 " "
	13	3	M	1.65 " "
	13	1	M	1.75 " "
Average	13	13	M	1.46½ " "
Jan. 1862	12	2	M	.83 " "
	12	4	M	1.15 " "
	12	1	M	1.35 " "
	12	4	M	1.50 " "
	12	2	M	1.65 " "
	12	1	M	1.75 " "
Average	12	14	M	1.33½ " "
July 1862	12	1	M	.75 " "
	12	1	M	.83 " "
	12	2	M	1.15 " "
	12	1	M	1.25 " "
	12	1	M	1.40 " "
	12	10	M	1.50 " "
	12	1	M	1.75 " "
Average	12	17	M	1.37 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1863	12	1	M	$0.91 per day.
	12	1	M	1.16 " "
	12	3	M	1.65 " "
	12	2	M	1.75 " "
Average	12	7	M	1.50½ " "
July 1863	12	1	M	.91 " "
	12	2	M	1.16 " "
	12	2	M	1.25 " "
	12	4	M	1.65 " "
	12	1	M	1.75 " "
Average	12	10	M	1.41 " "
Jan. 1864	12	4	M	1.25 " "
	12	2	M	1.50 " "
	12	4	M	1.75 " "
	12	1	M	2.00 " "
Average	12	11	M	1.54½ " "
July 1864	12	3	M	1.40 " "
	12	1	M	1.50 " "
	12	1	M	1.75 " "
	12	5	M	2.00 " "
Average	12	10	M	1.74½ " "
Jan. 1865	12	1	M	1.50 " "
	12	2	M	1.75 " "
	12	3	M	2.00 " "
	12	4	M	2.25 " "
Average	12	10	M	2.00 " "
July 1865	12	2	M	1.00 " "
	12	2	M	1.50 " "
	12	2	M	2.00 " "
	12	6	M	2.25 " "
Average	12	12	M	1.87½ " "
Jan. 1866	12	2	M	1.00 " "
	12	2	M	1.33 " "
	12	2	M	2.00 " "
	12	6	M	2.25 " "
	12	4	M	2.50 " "
Average	12	16	M	2.01 " "
July 1866	12	1	M	1.00 " "
	12	4	M	1.50 " "
	12	5	M	2.25 " "
	12	5	M	2.50 " "
Average	12	15	M	2.05 " "
Jan. 1867	12	3	M	1.50 " "
	12	2	M	2.00 " "
	12	2	M	2.25 " "
	12	7	M	2.50 " "
Average	12	14	M	2.18 " "
July 1867	12	4	M	1.50 " "
	12	1	M	1.75 " "
	12	1	M	2.00 " "
	12	2	M	2.25 " "
	12	6	M	2.50 " "
	12	1	M	2.75 " "
Average	12	15	M	2.13½ " "
Jan. 1868	11	6	M	1.50 " "
	11	2	M	1.75 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1868—conc'd.	11	2	M	$2.00 per day.
	11	2	M	2.25 " "
	11	10	M	2.50 " "
	11	1	M	2.75 " "
Average	11	23	M	2.12 " "
July 1868	11	2	M	1.50 " "
	11	2	M	1.75 " "
	11	2	M	2.00 " "
	11	3	M	2.25 " "
	11	6	M	2.50 " "
	11	1	M	2.75 " "
Average	11	16	M	2.18½ " "
Jan. 1869	11	1	M	1.25 " "
	11	2	M	1.50 " "
	11	2	M	1.75 " "
	11	3	M	2.00 " "
	11	4	M	2.25 " "
	11	9	M	2.50 " "
	11	1	M	2.75 " "
Average	11	22	M	2.18 " "
July 1869	11	4	M	1.50 " "
	11	1	M	1.75 " "
	11	3	M	2.00 " "
	11	2	M	2.25 " "
	11	7	M	2.50 " "
	11	1	M	2.75 " "
Average	11	18	M	2.14 " "
Jan. 1870	11	5	M	1.50 " "
	11	1	M	1.75 " "
	11	2	M	2.00 " "
	11	2	M	2.25 " "
	11	9	M	2.50 " "
	11	1	M	2.75 " "
Average	11	20	M	2.15 " "
July 1870	11	5	M	1.50 " "
	11	1	M	2.00 " "
	11	5	M	2.25 " "
	11	7	M	2.50 " "
	11	1	M	2.75 " "
Average	11	19	M	2.16 " "
Jan. 1871	11	3	M	1.50 " "
	11	2	M	1.75 " "
	11	5	M	2.25 " "
	11	7	M	2.50 " "
	11	2	M	2.75 " "
Average	11	19	M	2.22½ " "
July 1871	11	12	M	1.50 " "
	11	2	M	1.75 " "
	11	5	M	2.00 " "
	11	2	M	2.25 " "
	11	8	M	2.50 " "
	11	1	M	2.75 " "
Average	11	30	M	1.96 " "
Jan. 1872	11	6	M	1.50 " "
	11	1	M	1.75 " "
	11	5	M	2.00 " "
	11	4	M	2.25 " "
	11	7	M	2.50 " "
	11	1	M	2.75 " "
Average	11	24	M	2.08½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1872	11	4	M	$1.50 per day.
	11	3	M	1.75 " "
	11	6	M	2.00 " "
	11	5	M	2.25 " "
	11	4	M	2.50 " "
	11	3	M	2.75 " "
Average	11	25	M	2.11 " "
Jan. 1873	11	4	M	1.00 " "
	11	5	M	1.50 " "
	11	1	M	1.75 " "
	11	8	M	2.00 " "
	11	10	M	2.25 " "
	11	10	M	2.50 " "
	11	1	M	2.75 " "
Average	11	39	M	2.04 " "
July 1873	11	4	M	1.50 " "
	11	1	M	1.75 " "
	11	4	M	2.00 " "
	11	2	M	2.25 " "
	11	3	M	2.50 " "
	11	3	M	2.75 " "
	11	1	M	2.87 " "
Average	11	18	M	2.16 " "
Jan. 1874	11	3	M	1.50 " "
	11	2	M	1.75 " "
	11	5	M	2.00 " "
	11	3	M	2.25 " "
	11	3	M	2.33 " "
	11	2	M	2.50 " "
	11	2	M	2.75 " "
Average	11	20	M	2.11 " "
July 1874	11	4	M	1.50 " "
	11	6	M	2.00 " "
	11	3	M	2.25 " "
	11	3	M	2.50 " "
	11	2	M	2.75 " "
Average	11	18	M	2.09½ " "
Jan. 1875	10	3	M	1.36½ " "
	10	1	M	1.59 " "
	10	5	M	1.82 " "
	10	3	M	2.04½ " "
	10	2	M	2.27½ " "
	10	1	M	2.39 " "
	10	1	M	2.50 " "
Average	10	16	M	1.89½ " "
July 1875	10	3	M	1.36½ " "
	10	1	M	1.59 " "
	10	5	M	1.82 " "
	10	3	M	2.04½ " "
	10	2	M	2.27½ " "
	10	1	M	2.39 " "
	10	1	M	2.50 " "
Average	10	16	M	1.89½ " "
Jan. 1876	10	3	M	1.25 " "
	10	4	M	1.50 " "
	10	3	M	2.00 " "
	10	4	M	2.04½ " "
	10	4	M	2.27½ " "
	10	2	M	2.39 " "
	10	1	M	2.50 " "
Average	10	21	M	1.92 " "
July 1876	10	3	M	$1.25 per day.
	10	3	M	1.50 " "
	10	1	M	1.80 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
Average	10	12	M	1.75½ " "
Jan. 1877	10	1	M	1.00 " "
	10	2	M	1.15 " "
	10	2	M	1.40 " "
	10	2	M	1.70 " "
	10	2	M	1.90 " "
	10	1	M	2.00 " "
	10	1	M	2.15 " "
	10	4	M	2.20 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
Average	10	17	M	1.83 " "
July 1877	10	3	M	1.15 " "
	10	2	M	1.40 " "
	10	2	M	1.70 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.15 " "
	10	5	M	2.20 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
Average	10	20	M	1.87½ " "
Jan. 1878	10	3	M	1.15 " "
	10	1	M	1.40 " "
	10	1	M	1.70 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	2	M	2.10 " "
	10	5	M	2.20 " "
	10	1	M	2.50 " "
Average	10	18	M	1.89 " "
July 1878	10	3	M	1.15 " "
	10	1	M	1.40 " "
	10	1	M	1.70 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	2	M	2.10 " "
	10	5	M	2.20 " "
	10	1	M	2.50 " "
Average	10	18	M	1.89 " "
Jan. 1879	10	1	M	1.05 " "
	10	2	M	1.15 " "
	10	3	M	1.30 " "
	10	4	M	1.75 " "
	10	3	M	1.80 " "
	10	2	M	1.90 " "
	10	1	M	2.05 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
Average	10	19	M	1.71 " "
July 1879	10	2	M	1.05 " "
	10	2	M	1.15 " "
	10	3	M	1.30 " "
	10	2	M	1.75 " "
	10	4	M	1.80 " "
	10	2	M	1.90 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1879–conc'd.	10	1	M	$2.00 per day.
	10	1	M	2.05 " "
Average	10	17	M	1.58 " "
Jan. 1880	10	1	M	1.05 " "
	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	3	M	1.75 " "
	10	3	M	1.80 " "
	10	3	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.25 " "
Average	10	17	M	1.74½ " "
July 1880	10	2	M	1.05 " "
	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	7	M	1.75 " "
	10	5	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.50 " "
Average	10	20	M	1.75½ " "
Jan. 1881	10	2	M	1.05 " "
	10	1	M	1.30 " "
	10	2	M	1.50 " "
	10	6	M	1.75 " "
	10	1	M	1.80 " "
	10	4	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
Average	10	20	M	1.76½ " "
July 1881	10	2	M	1.05 " "
	10	1	M	1.30 " "
	10	1	M	1.50 " "
	10	5	M	1.75 " "
	10	2	M	1.80 " "
	10	6	M	1.90 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
Average	10	20	M	1.78½ " "
Jan. 1882	10	3	M	1.10 " "
	10	4	M	1.50 " "
	10	3	M	1.75 " "
	10	2	M	1.80 " "
	10	5	M	1.90 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
Average	10	21	M	1.75½ " "
July 1882	10	2	M	1.10 " "
	10	6	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	3	M	1.90 " "
	10	1	M	2.00 " "
	10	4	M	2.25 " "
	10	2	M	2.50 " "
Average	10	20	M	1.82½ " "
Jan. 1883	10	1	M	1.20 " "
	10	5	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	1.80 " "
Jan. 1883–conc'd.	10	3	M	$1.90 per day.
	10	4	M	2.25 " "
	10	2	M	2.50 " "
Average	10	18	M	1.87 " "
July 1883	10	1	M	1.20 " "
	10	5	M	1.50 " "
	10	2	M	1.75 " "
	10	2	M	1.80 " "
	10	2	M	1.90 " "
	10	1	M	2.00 " "
	10	5	M	2.25 " "
	10	2	M	2.50 " "
Average	10	20	M	1.89½ " "
Jan. 1884	10	1	M	1.15 " "
	10	1	M	1.25 " "
	10	6	M	1.50 " "
	10	1	M	1.75 " "
	10	3	M	1.90 " "
	10	3	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
Average	10	19	M	1.79½ " "
July 1884	10	3	M	1.15 " "
	10	1	M	1.25 " "
	10	6	M	1.50 " "
	10	3	M	1.75 " "
	10	5	M	1.90 " "
	10	2	M	2.00 " "
	10	4	M	2.25 " "
	10	3	M	2.50 " "
Average	10	27	M	1.81½ " "
Jan. 1885	10	3	M	1.00 " "
	10	2	M	1.20 " "
	10	5	M	1.50 " "
	10	3	M	1.65 " "
	10	1	M	1.80 " "
	10	5	M	1.90 " "
	10	1	M	2.10 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	24	M	1.70 " "
July 1885	10	3	M	1.00 " "
	10	2	M	1.20 " "
	10	7	M	1.50 " "
	10	4	M	1.65 " "
	10	2	M	1.80 " "
	10	7	M	1.90 " "
	10	2	M	2.10 " "
	10	3	M	2.25 " "
	10	2	M	2.50 " "
Average	10	32	M	1.73 " "
Jan. 1886	10	2	M	1.00 " "
	10	2	M	1.20 " "
	10	1	M	1.45 " "
	10	2	M	1.50 " "
	10	3	M	1.75 " "
	10	3	M	1.80 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.10 " "
	10	3	M	2.25 " "
Average	10	22	M	1.73½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1886	10	3	M	$1.00 per day.
	10	2	M	1.20 " "
	10	1	M	1.45 " "
	10	2	M	1.50 " "
	10	3	M	1.75 " "
	10	3	M	1.80 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.25 " "
Average	10	22	M	1.67½ " "
Jan. 1887	10	3	M	1.00 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
	10	1	M	1.45 " "
	10	3	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	4	M	1.90 " "
	10	4	M	2.00 " "
	10	1	M	2.10 " "
	10	5	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.50 " "
Average	10	27	M	1.80⅓ " "
July 1887	10	4	M	1.00 " "
	10	1	M	1.20 " "
	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.50 " "
	10	1	M	1.80 " "
	10	4	M	1.90 " "
	10	4	M	2.00 " "
	10	1	M	2.10 " "
	10	5	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.50 " "
Average	10	26	M	1.78½ " "
Jan. 1888	10	4	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.45 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.75 " "
	10	2	M	1.80 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	2	M	2.10 " "
	10	6	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.75 " "
Average	10	28	M	1.86½ " "
July 1888	10	3	M	1.15 " "
	10	2	M	1.30 " "
	10	1	M	1.45 " "
	10	2	M	1.50 " "
	10	2	M	1.60 " "
	10	3	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	3	M	2.10 " "
	10	5	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.75 " "
Average	10	29	M	1.86½ " "
Jan. 1889	10	2	M	1.15 " "
Jan. 1889–conc'd.	10	1	M	$1.35 per day.
	10	1	M	1.45 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	4	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	1	M	2.00 " "
	10	1	M	2.10 " "
	10	7	M	2.25 " "
	10	1	M	2.35 " "
	10	3	M	2.75 " "
Average	10	25	M	1.97½ " "
July 1889	10	2	M	1.15 " "
	10	1	M	1.35 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	3	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.10 " "
	10	9	M	2.25 " "
	10	1	M	2.35 " "
	10	4	M	2.75 " "
Average	10	29	M	2.03 " "
Jan. 1890	10	1	M	1.35 " "
	10	5	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.75 " "
	10	3	M	1.90 " "
	10	2	M	2.00 " "
	10	7	M	2.25 " "
	10	1	M	2.75 " "
Average	10	22	M	1.91½ " "
July 1890	10	2	M	1.00 " "
	10	1	M	1.35 " "
	10	7	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.75 " "
	10	4	M	1.90 " "
	10	1	M	2.00 " "
	10	1	M	2.10 " "
	10	8	M	2.25 " "
	10	1	M	2.75 " "
Average	10	28	M	1.83½ " "
Jan. 1891	10	1	M	1.35 " "
	10	8	M	1.50 " "
	10	1	M	1.60 " "
	10	3	M	1.75 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	7	M	2.25 " "
	10	1	M	2.75 " "
Average	10	26	M	1.86½ " "
July 1891	10	1	M	1.35 " "
	10	6	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.75 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	12	M	2.25 " "
	10	1	M	2.75 " "
Average	10	26	M	1.96½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

MASONS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873	11	2	M	$4.00 per day.	Jan. 1882	10	1	M	$2.25 per day.
					July 1882	10	1	M	2.25 " "
Jan. 1874	11	1	M	4.00 " "	Jan. 1883	10	1	M	2.50 " "
	11	1	M	4.50 " "	July 1883	10	1	M	2.80 " "
					Jan. 1884	10	1	M	3.00 " "
Average	11	2	M	4.25 " "	July 1884	10	1	M	3.25 " "
					Jan. 1885	10	1	M	2.30 " "
July 1874	11	1	M	4.00 " "	July 1885	10	1	M	2.30 " "
					Jan. 1886	10	1	M	2.30 " "
Jan. 1875	10	1	M	3.75 " "	July 1886	10	1	M	2.30 " "
	10	1	M	4.00 " "	Jan. 1887	10	1	M	2.35 " "
					July 1887	10	1	M	2.35 " "
Average	10	2	M	3.87½ " "	Jan. 1888	10	1	M	2.50 " "
					July 1888	10	1	M	2.50 " "
July 1875	10	1	M	3.75 " "					
	10	1	M	4.00 " "	Jan. 1889	10	2	M	1.75 " "
						10	1	M	2.25 " "
Average	10	2	M	3.87½ " "		10	1	M	3.75 " "
					Average	10	4	M	2.37½ " "
Jan. 1876	10	1	M	3.00 " "					
July 1876	10	1	M	3.00 " "	July 1889	10	4	M	1.75 " "
Jan. 1877	10	1	M	3.00 " "		10	1	M	2.25 " "
July 1877	10	1	M	3.00 " "		10	5	M	3.75 " "
Jan. 1878	10	1	M	2.00 " "					
July 1878	10	1	M	2.00 " "	Average	10	10	M	2.80 " "
Jan. 1879	10	1	M	1.72½ " "					
July 1879	10	1	M	1.72½ " "	Jan. 1890	10	1	M	2.50 " "
Jan. 1880	10	1	M	2.00 " "	July 1890	10	1	M	2.50 " "
July 1880	10	1	M	2.15 " "	Jan. 1891	10	1	M	2.50 " "
Jan. 1881	10	1	M	2.15 " "	July 1891	10	1	M	2.50 " "
July 1881	10	1	M	2.15 " "					

OPENERS.

Jan. 1873	11	2	M	1.38 per day.	July 1878	10	1	M	.85 per day.
						10	3	M	1.00 " "
July 1873	11	2	M	1.25 " "					
	11	3	M	1.33 " "	Average	10	4	M	.96½ " "
Average	11	5	M	1.30 " "	Jan. 1879	10	2	M	.80 " "
						10	1	M	1.05 " "
Jan. 1874	11	3	M	1.13 " "	Average	10	3	M	.88½ " "
July 1874	11	2	M	1.13 " "					
Jan. 1875	10	2	M	1.02½ " "	July 1879	10	2	M	.80 " "
July 1875	10	2	M	1.02½ " "		10	1	M	1.05 " "
Jan. 1876	10	1	M	1.00 " "	Average	10	3	M	.88½ " "
	10	1	M	1.02½ " "					
					Jan. 1880	10	2	M	.80 " "
Average	10	2	M	1.01½ " "		10	1	M	1.05 " "
					Average	10	3	M	.88½ " "
July 1876	10	2	M	.90 " "					
	10	2	M	1.10 " "	July 1880	10	1	M	.95 " "
						10	1	M	1.10 " "
Average	10	4	M	1.00 " "	Average	10	2	M	1.02½ " "
Jan. 1877	10	2	M	.85 " "	Jan. 1881	10	1	M	.95 " "
	10	2	M	1.00 " "		10	1	M	1.10 " "
Average	10	4	M	.92½ " "	Average	10	2	M	1.02½ " "
July 1877	10	2	M	.85 " "	July 1881	10	2	M	.95 " "
	10	2	M	1.00 " "		10	1	M	1.10 " "
Average	10	4	M	.92½ " "	Average	10	3	M	1.00 " "
Jan. 1878	10	2	M	.85 " "	Jan. 1882	10	2	M	.95 " "
	10	3	M	1.00 " "		10	2	M	1.05 " "
						10	1	M	1.15 " "
Average	10	5	M	.94 " "	Average	10	5	M	1.03 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

OPENERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1882	10	1	M	$0.95 per day.	Jan. 1888	10	4	M	$1.00 per day.
	10	1	M	1.05 " "	July 1888	10	4	M	1.00 " "
	10	1	M	1.15 " "	Jan. 1889	10	4	M	1.00 " "
Average	10	3	M	1.05 " "	July 1889	10	4	M	1.00 " "
Jan. 1883	10	1	M	.95 " "	Jan. 1890	10	1	M	.80 " "
	10	1	M	1.05 " "		10	4	M	1.00 " "
						10	2	M	1.25 " "
Average	10	2	M	1.00 " "	Average	10	7	M	1.04½ " "
July 1883	10	1	M	.95 " "					
	10	1	M	1.05 " "	July 1890	10	2	M	.80 " "
						10	3	M	1.00 " "
Average	10	2	M	1.00 " "		10	3	M	1.25 " "
Jan. 1884	10	2	M	1.00 " "	Average	10	8	M	1.04½ " "
July 1884	10	1	M	1.00 " "					
Jan. 1885	10	1	M	1.00 " "					
July 1885	10	1	M	1.00 " "					
Jan. 1886	10	1	M	1.00 " "	Jan. 1891	10	4	M	.80 " "
July 1886	10	1	M	1.00 " "		10	2	M	1.00 " "
						10	2	M	1.25 " "
Jan. 1887	10	4	M	1.00 " "	Average	10	8	M	.96½ " "
	10	1	M	1.15 " "					
Average	10	5	M	1.03 " "	July 1891	10	5	M	.80 " "
July 1887	10	3	M	1.00 " "		10	5	M	1.00 " "
	10	1	M	1.15 " "		10	1	M	1.25 " "
Average	10	4	M	1.03½ " "	Average	10	11	M	.93 " "

OVERSEERS, CARDING DEPARTMENT.

July 1842	13	1	M	2.00 per day.	July 1864	12	1	M	2.25 per day.
Jan. 1843	13	1	M	2.00 " "	Jan. 1865	12	1	M	2.25 " "
July 1843	13	1	M	2.00 " "	July 1865	12	1	M	2.25 " "
Jan. 1844	13	1	M	2.00 " "	Jan. 1866	12	1	M	2.50 " "
July 1844	13	1	M	2.00 " "	July 1866	12	1	M	2.50 " "
Jan. 1845	13	1	M	2.00 " "	Jan. 1867	12	1	M	2.50 " "
July 1845	13	1	M	1.75 " "	July 1867	12	1	M	2.75 " "
Jan. 1846	13	1	M	2.00 " "	Jan. 1868	11	1	M	2.75 " "
July 1846	13	1	M	2.00 " "	July 1868	11	1	M	2.75 " "
Jan. 1847	13	1	M	2.00 " "	Jan. 1869	11	1	M	2.75 " "
July 1847	13	1	M	1.75 " "	July 1869	11	1	M	2.75 " "
Jan. 1848	13	1	M	2.00 " "	Jan. 1870	11	1	M	2.00 " "
July 1848	13	1	M	2.00 " "	July 1870	11	1	M	2.08 " "
Jan. 1849	13	1	M	2.00 " "	Jan. 1871	11	1	M	2.08 " "
July 1849	13	1	M	2.00 " "	July 1871	11	1	M	2.08 " "
Jan. 1850	13	1	M	2.00 " "	Jan. 1872	11	1	M	2.25 " "
July 1850	13	1	M	2.00 " "	July 1872	11	1	M	2.50 " "
Jan. 1851	13	1	M	2.00 " "	Jan. 1873	11	1	M	2.50 " "
July 1851	13	1	M	2.00 " "	July 1873	11	1	M	2.67 " "
Jan. 1852	13	1	M	2.00 " "	Jan. 1874	11	1	M	2.67 " "
July 1852	13	1	M	1.50 " "	July 1874	11	1	M	2.67 " "
Jan. 1853	13	1	M	1.50 " "	Jan. 1875	10	1	M	2.72½ " "
July 1853	13	1	M	1.50 " "	July 1875	10	1	M	2.72½ " "
Jan. 1854	13	1	M	1.50 " "	Jan. 1876	10	1	M	2.72½ " "
July 1854	13	1	M	1.50 " "	July 1876	10	1	M	2.72½ " "
Jan. 1855	13	1	M	1.75 " "	Jan. 1877	10	1	M	2.72½ " "
July 1855	13	1	M	2.25 " "	July 1877	10	1	M	2.72½ " "
July 1858	13	1	M	2.00 " "	Jan. 1878	10	1	M	2.72½ " "
Jan. 1859	13	1	M	2.00 " "	July 1878	10	1	M	2.72½ " "
July 1859	13	1	M	2.00 " "	Jan. 1879	10	1	M	3.25 " "
Jan. 1860	13	1	M	2.00 " "	July 1879	10	1	M	3.25 " "
July 1860	13	1	M	2.00 " "	Jan. 1880	10	1	M	3.25 " "
Jan. 1861	13	1	M	2.00 " "	July 1880	10	1	M	3.25 " "
July 1861	13	1	M	2.00 " "	Jan. 1881	10	1	M	3.25 " "
Jan. 1862	12	1	M	2.00 " "	July 1881	10	1	M	3.25 " "
July 1862	12	1	M	1.50 " "	Jan. 1882	10	1	M	3.50 " "
Jan. 1863	12	1	M	2.00 " "	July 1882	10	1	M	3.25 " "
July 1863	12	1	M	2.00 " "	Jan. 1883	10	1	M	3.25 " "
Jan. 1864	12	1	M	2.00 " "	July 1883	10	1	M	3.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

OVERSEERS, CARDING DEPARTMENT—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884	10	1	M	$3.25 per day.	Jan. 1888	10	1	M	$4.00 per day.
July 1884	10	1	M	3.25 " "	July 1888	10	1	M	4.00 " "
Jan. 1885	10	1	M	3.25 " "	Jan. 1889	10	1	M	5.00 " "
July 1885	10	1	M	3.25 " "	July 1889	10	1	M	5.00 " "
Jan. 1886	10	1	M	3.50 " "	Jan. 1890	10	1	M	5.00 " "
July 1886	10	1	M	3.50 " "	July 1890	10	1	M	5.00 " "
Jan. 1887	10	1	M	4.00 " "	Jan. 1891	10	1	M	5.00 " "
July 1887	10	1	M	4.00 " "	July 1891	10	1	M	5.00 " "

OVERSEERS, CLOTH ROOM.

July 1842	13	1	M	1.50 per day	July 1869	11	1	M	3.00 per day.
Jan. 1843	13	1	M	1.50 " "	Jan. 1870	11	1	M	3.00 " "
July 1843	13	1	M	1.50 " "	July 1870	11	1	M	3.00 " "
Jan. 1844	13	1	M	1.75 " "	Jan. 1871	11	1	M	3.00 " "
July 1844	13	1	M	1.75 " "	July 1871	11	1	M	3.00 " "
Jan. 1845	13	1	M	1.75 " "	Jan. 1872	11	1	M	3.00 " "
July 1845	13	1	M	1.75 " "	July 1872	11	1	M	3.00 " "
Jan. 1846	13	1	M	2.00 " "	Jan. 1873	11	1	M	3.00 " "
July 1846	13	1	M	2.00 " "	July 1873	11	1	M	3.00 " "
Jan. 1847	13	1	M	2.00 " "	Jan. 1874	11	1	M	3.00 " "
July 1847	13	1	M	2.00 " "	July 1874	11	1	M	3.00 " "
Jan. 1848	13	1	M	2.00 " "	Jan. 1875	10	1	M	2.72½ " "
July 1848	13	1	M	2.00 " "	July 1875	10	1	M	2.72½ " "
Jan. 1849	13	1	M	2.00 " "	Jan. 1876	10	1	M	2.72½ " "
July 1849	13	1	M	2.00 " "	July 1876	10	1	M	2.72½ " "
Jan. 1850	13	1	M	2.00 " "	Jan. 1877	10	1	M	2.72½ " "
July 1850	13	1	M	2.00 " "	July 1877	10	1	M	2.72½ " "
Jan. 1851	13	1	M	2.00 " "	Jan. 1878	10	1	M	2.72½ " "
July 1851	13	1	M	2.00 " "	July 1878	10	1	M	3.00 " "
Jan. 1852	13	1	M	2.50 " "	Jan. 1879	10	1	M	3.00 " "
July 1852	13	1	M	2.50 " "	July 1879	10	1	M	3.00 " "
Jan. 1853	13	1	M	2.50 " "	Jan. 1880	10	1	M	3.00 " "
July 1853	13	1	M	1.75 " "	July 1880	10	1	M	3.00 " "
Jan. 1854	13	1	M	1.75 " "	Jan. 1881	10	1	M	3.00 " "
July 1858	13	1	M	2.25 " "	July 1881	10	1	M	3.00 " "
Jan. 1859	13	1	M	2.25 " "	Jan. 1882	10	1	M	3.25 " "
July 1859	13	1	M	2.25 " "	July 1882	10	1	M	3.25 " "
Jan. 1860	13	1	M	2.25 " "	Jan. 1883	10	1	M	3.25 " "
July 1860	13	1	M	2.25 " "	July 1883	10	1	M	3.25 " "
Jan. 1861	13	1	M	2.25 " "	Jan. 1884	10	1	M	3.25 " "
July 1861	13	1	M	2.25 " "	July 1884	10	1	M	3.25 " "
Jan. 1862	12	1	M	2.25 " "	Jan. 1885	10	1	M	3.12½ " "
July 1862	12	1	M	1.75 " "	July 1885	10	1	M	3.12½ " "
Jan. 1863	12	1	M	1.75 " "	Jan. 1886	10	1	M	3.50 " "
July 1863	12	1	M	1.75 " "	July 1886	10	1	M	3.50 " "
Jan. 1864	12	1	M	1.75 " "	Jan. 1887	10	1	M	3.50 " "
July 1864	12	1	M	2.08 " "	July 1887	10	1	M	3.50 " "
Jan. 1865	12	1	M	2.25 " "	Jan. 1888	10	1	M	4.00 " "
July 1865	12	1	M	2.25 " "	July 1888	10	1	M	4.00 " "
Jan. 1866	12	1	M	2.50 " "	Jan. 1889	10	1	M	4.00 " "
July 1866	12	1	M	2.50 " "	July 1889	10	1	M	4.00 " "
Jan. 1867	12	1	M	2.75 " "	Jan. 1890	10	1	M	4.00 " "
July 1867	12	1	M	2.75 " "	July 1890	10	1	M	4.00 " "
Jan. 1868	11	1	M	2.75 " "	Jan. 1891	10	1	M	4.00 " "
July 1868	11	1	M	2.75 " "	July 1891	10	1	M	4.00 " "
Jan. 1869	11	1	M	3.00 " "					

OVERSEERS, DRESSING DEPARTMENT.

July 1842	13	1	M	2.00 per day.	July 1848	13	1	M	2.00 per day.
Jan. 1843	13	1	M	1.50 " "	Jan. 1849	13	1	M	2.00 " "
July 1843	13	1	M	2.00 " "	July 1849	13	1	M	2.00 " "
Jan. 1844	13	1	M	2.00 " "	Jan. 1850	13	1	M	2.00 " "
July 1844	13	1	M	2.00 " "	July 1850	13	1	M	2.00 " "
Jan. 1845	13	1	M	2.00 " "	Jan. 1851	13	1	M	2.00 " "
July 1845	13	1	M	1.75 " "	July 1851	13	1	M	2.00 " "
Jan. 1846	13	1	M	2.00 " "	Jan. 1852	13	1	M	2.00 " "
July 1846	13	1	M	2.00 " "	July 1852	13	1	M	2.00 " "
Jan. 1847	13	1	M	2.00 " "	Jan. 1853	13	1	M	2.00 " "
July 1847	13	1	M	2.00 " "	July 1853	13	1	M	2.00 " "
Jan. 1848	13	1	M	2.00 " "	Jan. 1854	13	1	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

OVERSEERS, DRESSING DEPARTMENT—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1854	13	1	M	$2.00 per day.	Jan. 1875	10	1	M	$2.72½ per day.
Jan. 1855	13	1	M	2.00 " "	July 1875	10	1	M	2.72½ " "
July 1858	13	1	M	1.75 " "	Jan. 1876	10	1	M	2.50 " "
Jan. 1859	13	1	M	1.75 " "	July 1876	10	1	M	2.50 " "
July 1859	13	1	M	1.75 " "	Jan. 1877	10	1	M	2.00 " "
Jan. 1860	13	1	M	1.75 " "	July 1877	10	1	M	2.00 " "
July 1860	13	1	M	1.75 " "	Jan. 1878	10	1	M	2.00 " "
Jan. 1861	13	1	M	1.75 " "	July 1878	10	1	M	2.00 " "
July 1861	13	1	M	1.75 " "	Jan. 1879	10	1	M	3.25 " "
Jan. 1862	12	1	M	1.75 " "	July 1879	10	1	M	3.25 " "
July 1862	12	1	M	1.50 " "	Jan. 1880	10	1	M	3.25 " "
Jan. 1863	12	1	M	2.00 " "	July 1880	10	1	M	3.00 " "
July 1863	12	1	M	2.00 " "	Jan. 1881	10	1	M	3.25 " "
Jan. 1864	12	1	M	2.00 " "	July 1881	10	1	M	3.25 " "
July 1864	12	1	M	2.00 " "	Jan. 1882	10	1	M	3.25 " "
Jan. 1865	12	1	M	2.25 " "	July 1882	10	1	M	3.25 " "
July 1865	12	1	M	2.25 " "	Jan. 1883	10	1	M	3.25 " "
Jan. 1866	12	1	M	2.50 " "	July 1883	10	1	M	3.25 " "
July 1866	12	1	M	2.50 " "	Jan. 1884	10	1	M	3.25 " "
Jan. 1867	12	1	M	2.50 " "	July 1884	10	1	M	3.10 " "
July 1867	12	1	M	2.50 " "	Jan. 1885	10	1	M	3.10 " "
Jan. 1868	11	1	M	2.50 " "	July 1885	10	1	M	3.10 " "
July 1868	11	1	M	2.50 " "	Jan. 1886	10	1	M	3.25 " "
Jan. 1869	11	1	M	2.00 " "	July 1886	10	1	M	3.25 " "
July 1869	11	1	M	2.00 " "	Jan. 1887	10	1	M	5.50 " "
Jan. 1870	11	1	M	2.00 " "	July 1887	10	1	M	5.50 " "
July 1870	11	1	M	2.00 " "	Jan. 1888	10	1	M	5.50 " "
Jan. 1871	11	1	M	1.62 " "	July 1888	10	1	M	5.50 " "
July 1871	11	1	M	1.62 " "	Jan. 1889	10	1	M	5.50 " "
Jan. 1872	11	1	M	2.00 " "	July 1889	10	1	M	5.50 " "
July 1872	11	1	M	2.25 " "	Jan. 1890	10	1	M	4.00 " "
Jan. 1873	11	1	M	2.25 " "	July 1890	10	1	M	4.00 " "
July 1873	11	1	M	3.50 " "	Jan. 1891	10	1	M	4.50 " "
Jan. 1874	11	1	M	3.50 " "	July 1891	10	1	M	4.50 " "
July 1874	11	1	M	3.50 " "					

OVERSEERS, PICKING DEPARTMENT.

Jan. 1873	11	1	M	3.00 per day.	July 1882	10	1	M	4.50 per day.
July 1873	11	1	M	2.75 " "	Jan. 1883	10	1	M	4.50 " "
Jan. 1874	11	1	M	3.00 " "	July 1883	10	1	M	4.50 " "
July 1874	11	1	M	3.00 " "	Jan. 1884	10	1	M	4.50 " "
Jan. 1875	10	1	M	2.27½ " "	July 1884	10	1	M	4.00 " "
July 1875	10	1	M	2.27½ " "	Jan. 1885	10	1	M	3.75 " "
Jan. 1876	10	1	M	4.09 " "	July 1885	10	1	M	3.75 " "
July 1876	10	1	M	4.09 " "	Jan. 1886	10	1	M	3.75 " "
Jan. 1877	10	1	M	3.50 " "	July 1886	10	1	M	3.75 " "
July 1877	10	1	M	3.50 " "	Jan. 1887	10	1	M	3.75 " "
Jan. 1878	10	1	M	3.50 " "	July 1887	10	1	M	3.75 " "
July 1878	10	1	M	3.50 " "	Jan. 1888	10	1	M	2.60 " "
Jan. 1879	10	1	M	3.50 " "	July 1888	10	1	M	2.60 " "
July 1879	10	1	M	3.50 " "	Jan. 1889	10	1	M	3.50 " "
Jan. 1880	10	1	M	3.50 " "	July 1889	10	1	M	3.50 " "
July 1880	10	1	M	4.50 " "	Jan. 1890	10	1	M	3.00 " "
Jan. 1881	10	1	M	4.50 " "	July 1890	10	1	M	3.00 " "
July 1881	10	1	M	4.50 " "	Jan. 1891	10	1	M	3.00 " "
Jan. 1882	10	1	M	4.50 " "	July 1891	10	1	M	3.00 " "

OVERSEERS, SPINNING DEPARTMENT.

July 1842	13	1	M	2.00 per day.	Jan. 1848	13	1	M	2.00 per day.
Jan. 1843	13	1	M	2.00 " "	July 1848	13	1	M	2.00 " "
July 1843	13	1	M	2.00 " "	Jan. 1849	13	1	M	2.00 " "
Jan. 1844	13	1	M	2.00 " "	July 1849	13	1	M	2.00 " "
July 1844	13	1	M	2.00 " "	Jan. 1850	13	1	M	2.00 " "
Jan. 1845	13	1	M	2.00 " "	July 1850	13	1	M	1.75 " "
July 1845	13	1	M	2.00 " "	Jan. 1851	13	1	M	2.00 " "
Jan. 1846	13	1	M	2.00 " "	July 1851	13	1	M	2.00 " "
July 1846	13	1	M	2.00 " "	Jan. 1852	13	1	M	2.00 " "
Jan. 1847	13	1	M	1.50 " "	July 1852	13	1	M	2.00 " "
July 1847	13	1	M	2.00 " "	Jan. 1853	13	1	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

OVERSEERS, SPINNING DEPARTMENT—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1853	13	1	M	$2.25 per day.
Jan. 1854	13	1	M	2.25 " "
July 1854	13	1	M	2.25 " "
Jan. 1855	13	1	M	2.25 " "
July 1855	13	1	M	2.25 " "
July 1858	13	1	M	1.75 " "
Jan. 1859	13	1	M	2.00 " "
July 1859	13	1	M	2.00 " "
Jan. 1860	13	1	M	2.00 " "
July 1860	13	1	M	2.00 " "
Jan. 1861	13	1	M	2.00 " "
July 1861	13	1	M	2.00 " "
Jan. 1862	12	1	M	2.00 " "
July 1862	12	1	M	1.50 " "
Jan. 1863	12	1	M	2.00 " "
July 1863	12	1	M	2.00 " "
Jan. 1864	12	1	M	2.00 " "
July 1864	12	1	M	1.75 " "
Jan. 1865	12	1	M	1.75 " "
July 1865	12	2	M	2.25 " "
Jan. 1866	12	1	M	2.50 " "
July 1866	12	1	M	2.58 " "
Jan. 1867	12	1	M	2.75 " "
July 1867	12	1	M	2.75 " "
Jan. 1868	11	1	M	2.75 " "
July 1868	11	1	M	2.75 " "
Jan. 1869	11	1	M	2.75 " "
July 1869	11	1	M	2.00 " "
Jan. 1870	11	1	M	2.00 " "
July 1870	11	1	M	1.50 " "
Jan. 1871	11	1	M	1.50 " "
	11	1	M	1.75 " "
Average	11	2	M	1.62½ " "
July 1871	11	1	M	1.50 " "
	11	1	M	1.67 " "
Average	11	2	M	1.58½ " "
Jan. 1872	11	1	M	1.67 " "
	11	1	M	1.75 " "
Average	11	2	M	1.71 " "
July 1872	11	2	M	2.25 " "
Jan. 1873	11	4	M	2.25 " "
July 1873	11	1	M	2.25 " "
	11	1	M	3.00 " "
Average	11	2	M	2.62½ " "
Jan. 1874	11	1	M	2.25 " "
	11	1	M	3.00 " "
Average	11	2	M	2.62½ " "
July 1874	11	1	M	2.25 " "
	11	1	M	3.00 " "
Average	11	2	M	2.62½ " "
Jan. 1875	10	1	M	2.50 " "
	10	1	M	2.72½ " "
Average	10	2	M	2.61½ " "
July 1875	10	1	M	2.50 " "
	10	1	M	2.72½ " "
Average	10	2	M	2.61½ " "
Jan. 1876	10	2	M	3.25 " "
July 1876	10	2	M	3.25 " "
Jan. 1877	10	2	M	3.00 " "
July 1877	10	2	M	$3.00 per day.
Jan. 1878	10	2	M	3.00 " "
July 1878	10	1	M	3.50 " "
	10	1	M	3.75 " "
Average	10	2	M	3.62½ " "
Jan. 1879	10	2	M	4.00 " "
July 1879	10	2	M	4.00 " "
Jan. 1880	10	2	M	4.00 " "
July 1880	10	1	M	4.00 " "
	10	1	M	4.50 " "
Average	10	2	M	4.25 " "
Jan. 1881	10	1	M	4.00 " "
	10	1	M	4.50 " "
Average	10	2	M	4.25 " "
July 1881	10	1	M	4.00 " "
	10	1	M	4.50 " "
Average	10	2	M	4.25 " "
Jan. 1882	10	1	M	3.00 " "
	10	1	M	4.50 " "
Average	10	2	M	3.75 " "
July 1882	10	1	M	3.00 " "
	10	1	M	4.50 " "
Average	10	2	M	3.75 " "
Jan. 1883	10	1	M	3.00 " "
	10	1	M	5.00 " "
Average	10	2	M	4.00 " "
July 1883	10	1	M	3.00 " "
	10	1	M	5.00 " "
Average	10	2	M	4.00 " "
Jan. 1884	10	1	M	3.00 " "
	10	1	M	5.00 " "
Average	10	2	M	4.00 " "
July 1884	10	1	M	3.00 " "
	10	1	M	5.00 " "
Average	10	2	M	4.00 " "
Jan. 1885	10	1	M	3.00 " "
	10	1	M	5.00 " "
Average	10	2	M	4.00 " "
July 1885	10	1	M	3.00 " "
	10	1	M	5.00 " "
Average	10	2	M	4.00 " "
Jan. 1886	10	1	M	3.20 " "
	10	1	M	5.00 " "
Average	10	2	M	4.10 " "
July 1886	10	1	M	3.20 " "
	10	1	M	5.00 " "
Average	10	2	M	4.10 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

OVERSEERS, SPINNING DEPARTMENT—Concluded.

Payroll of—	Hours per day.	Different employés	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1887	10	1	M	$3.20 per day.	July 1889	10	1	M	$3.20 per day.
	10	1	M	5.00 " "		10	1	M	5.00 " "
Average	10	2	M	4.10 " "	Average	10	2	M	4.10 " "
July 1887	10	1	M	3.20 " "	Jan. 1890	10	1	M	5.00 " "
	10	1	M	5.00 " "		10	1	M	5.25 " "
Average	10	2	M	4.10 " "	Average	10	2	M	5.12½ " "
Jan. 1888	10	1	M	3.20 " "	July 1890	10	1	M	5.00 " "
	10	1	M	5.00 " "		10	1	M	5.25 " "
Average	10	2	M	4.10 " "	Average	10	2	M	5.12½ " "
July 1888	10	1	M	3.20 " "	Jan. 1891	10	1	M	5.00 " "
	10	1	M	5.00 " "		10	1	M	6.00 " "
Average	10	2	M	4.10 " "	Average	10	2	M	5.50 " "
Jan. 1889	10	1	M	3.20 " "	July 1891	10	1	M	5.00 " "
	10	1	M	5.00 " "		10	1	M	6.00 " "
Average	10	2	M	4.10 " "	Average	10	2	M	5.50 " "

OVERSEERS, WEAVING DEPARTMENT.

Jan. 1843	13	1	M	1.75 per day.	Jan. 1869	11	1	M	3.00 per day.
July 1843	13	1	M	1.75 " "	July 1869	11	1	M	3.00 " "
Jan. 1844	13	1	M	1.75 " "	Jan. 1870	11	1	M	3.25 " "
July 1844	13	1	M	2.00 " "	July 1870	11	1	M	3.25 " "
Jan. 1845	13	1	M	2.00 " "	Jan. 1871	11	1	M	3.50 " "
July 1845	13	1	M	2.00 " "	July 1871	11	1	M	3.75 " "
Jan. 1846	13	1	M	2.00 " "	Jan. 1872	11	1	M	3.75 " "
July 1846	13	1	M	2.00 " "	July 1872	11	1	M	3.75 " "
Jan. 1847	13	1	M	1.75 " "	Jan. 1873	11	1	M	3.75 " "
July 1847	13	1	M	2.00 " "	July 1873	11	1	M	3.50 " "
Jan. 1848	13	1	M	2.00 " "	Jan. 1874	11	1	M	3.50 " "
July 1848	13	1	M	2.00 " "	July 1874	11	1	M	3.50 " "
Jan. 1849	13	1	M	2.00 " "	Jan. 1875	10	1	M	3.18 " "
July 1849	13	1	M	2.00 " "	July 1875	10	1	M	3.18 " "
Jan. 1850	13	1	M	2.00 " "	Jan. 1876	10	1	M	3.18 " "
July 1850	13	1	M	2.00 " "	July 1876	10	1	M	3.18 " "
Jan. 1851	13	1	M	2.00 " "	Jan. 1877	10	1	M	3.00 " "
July 1851	13	1	M	2.00 " "	July 1877	10	1	M	3.00 " "
Jan. 1852	13	1	M	2.00 " "	Jan. 1878	10	1	M	3.00 " "
July 1852	13	1	M	2.00 " "	July 1878	10	1	M	3.00 " "
Jan. 1853	13	1	M	2.00 " "	Jan. 1879	10	1	M	4.50 " "
July 1853	13	1	M	2.00 " "	July 1879	10	1	M	4.50 " "
Jan. 1854	13	1	M	2.00 " "	Jan. 1880	10	1	M	4.00 " "
July 1854	13	1	M	2.00 " "	July 1880	10	1	M	4.00 " "
Jan. 1855	13	1	M	2.00 " "	Jan. 1881	10	1	M	4.50 " "
July 1858	13	1	M	2.00 " "	July 1881	10	1	M	4.50 " "
Jan. 1859	13	1	M	2.00 " "	Jan. 1882	10	1	M	4.75 " "
July 1859	13	1	M	2.00 " "	July 1882	10	1	M	4.75 " "
Jan. 1860	13	1	M	2.00 " "	Jan. 1883	10	1	M	4.75 " "
July 1860	13	1	M	2.00 " "	July 1883	10	1	M	4.75 " "
Jan. 1861	13	1	M	2.00 " "	Jan. 1884	10	1	M	4.75 " "
July 1861	13	1	M	2.00 " "	July 1884	10	1	M	4.75 " "
Jan. 1862	12	1	M	2.00 " "	Jan. 1885	10	1	M	5.00 " "
July 1862	12	1	M	1.50 " "	July 1885	10	1	M	5.00 " "
Jan. 1863	12	1	M	2.00 " "	Jan. 1886	10	1	M	5.50 " "
July 1863	12	1	M	2.00 " "	July 1886	10	1	M	5.50 " "
Jan. 1864	12	1	M	2.00 " "	Jan. 1887	10	2	M	4.00 " "
July 1864	12	1	M	2.25 " "	July 1887	10	2	M	4.00 " "
Jan. 1865	12	1	M	2.25 " "	Jan. 1888	10	2	M	4.00 " "
July 1865	12	1	M	2.25 " "	July 1888	10	1	M	5.00 " "
Jan. 1866	12	1	M	2.75 " "	Jan. 1889	10	1	M	5.00 " "
July 1866	12	1	M	2.75 " "	July 1889	10	1	M	5.00 " "
Jan. 1867	12	1	M	3.00 " "	Jan. 1890	10	1	M	5.00 " "
July 1867	12	1	M	3.00 " "	July 1890	10	1	M	5.00 " "
Jan. 1868	11	1	M	3.00 " "	Jan. 1891	10	1	M	5.00 " "
July 1868	11	1	M	3.00 " "	July 1891	10	1	M	5.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

PAINTERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1858	13	1	M	$0.87 per day.
	13	1	M	1.16 " "
	13	1	M	1.50 " "
Average	13	3	M	1.17½ " "
Jan. 1859	13	1	M	.87 " "
	13	1	M	1.16 " "
	13	1	M	1.50 " "
Average	13	3	M	1.17½ " "
July 1859	13	1	M	1.00 " "
	13	3	M	1.16 " "
	13	1	M	1.35 " "
	13	1	M	1.60 " "
Average	13	6	M	1.24 " "
Jan. 1860	13	1	M	.75 " "
	13	1	M	1.00 " "
	13	4	M	1.16 " "
	13	1	M	1.60 " "
Average	13	7	M	1.14 " "
July 1860	13	3	M	1.00 " "
	13	2	M	1.16 " "
	13	1	M	1.35 " "
	13	1	M	1.67 " "
Average	13	7	M	1.19 " "
Jan. 1861	13	1	M	1.00 " "
	13	4	M	1.16 " "
	13	1	M	1.50 " "
	13	1	M	1.67 " "
Average	13	7	M	1.26 " "
July 1861	13	1	M	1.00 " "
	13	2	M	1.16 " "
	13	1	M	1.35 " "
	13	1	M	1.67 " "
Average	13	5	M	1.27 " "
Jan. 1862	12	1	M	1.00 " "
	12	1	M	1.16 " "
	12	1	M	1.25 " "
	12	1	M	1.67 " "
Average	12	4	M	1.27 " "
July 1862	12	1	M	.83 " "
	12	2	M	1.00 " "
	12	2	M	1.25 " "
	12	1	M	1.50 " "
Average	12	6	M	1.14 " "
Jan. 1863	12	3	M	1.00 " "
	12	1	M	1.33 " "
Average	12	4	M	1.08⅓ " "
July 1863	12	4	M	1.00 " "
	12	2	M	1.33 " "
Average	12	6	M	1.11 " "
Jan. 1864	12	4	M	1.00 " "
	12	3	M	1.16 " "
	12	1	M	1.33 " "
Average	12	8	M	1.10 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1864	12	1	M	$1.00 per day.
	12	3	M	1.33 " "
	12	1	M	1.50 " "
	12	1	M	1.67 " "
Average	12	6	M	1.36 " "
Jan. 1865	12	1	M	1.16 " "
	12	4	M	1.50 " "
	12	1	M	1.75 " "
Average	12	6	M	1.48½ " "
July 1865	12	1	M	1.33 " "
	12	4	M	1.50 " "
	12	1	M	1.75 " "
Average	12	6	M	1.51½ " "
Jan. 1866	12	1	M	1.25 " "
	12	4	M	1.50 " "
	12	1	M	1.75 " "
Average	12	6	M	1.50 " "
July 1866	12	4	M	1.50 " "
	12	1	M	1.75 " "
Average	12	5	M	1.55 " "
Jan. 1867	12	3	M	1.50 " "
	12	1	M	1.75 " "
Average	12	4	M	1.56½ " "
July 1867	12	3	M	1.75 " "
	12	1	M	2.00 " "
Average	12	4	M	1.81½ " "
Jan. 1868	11	4	M	1.67 " "
	11	1	M	2.00 " "
Average	11	5	M	1.73½ " "
July 1868	11	1	M	1.50 " "
	11	4	M	2.00 " "
	11	14	M	2.50 " "
Average	11	19	M	2.34 " "
Jan. 1869	11	1	M	1.50 " "
	11	3	M	1.75 " "
	11	2	M	2.00 " "
	11	5	M	2.25 " "
Average	11	11	M	2.00 " "
July 1869	11	1	M	1.25 " "
	11	1	M	1.75 " "
	11	3	M	2.00 " "
	11	1	M	2.50 " "
Average	11	6	M	1.91½ " "
Jan. 1870	11	2	M	1.50 " "
	11	5	M	1.75 " "
	11	2	M	2.25 " "
Average	11	9	M	1.80½ " "
July 1870	11	1	M	1.75 " "
	11	4	M	2.00 " "
	11	1	M	2.50 " "
Average	11	6	M	2.04 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

PAINTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1871	11	1	M	$1.50 per day.
	11	1	M	1.75 " "
	11	2	M	2.00 " "
	11	1	M	2.50 " "
Average	11	5	M	1.95 " "
July 1871	11	2	M	1.50 " "
	11	6	M	2.00 " "
	11	4	M	2.50 " "
Average	11	12	M	2.08½ " "
Jan. 1872	11	4	M	1.75 " "
	11	2	M	2.00 " "
	11	1	M	2.25 " "
Average	11	7	M	1.89½ " "
July 1872	11	2	M	1.75 " "
	11	4	M	2.00 " "
	11	3	M	2.25 " "
	11	7	M	2.50 " "
Average	11	16	M	2.23½ " "
Jan. 1873	11	1	M	1.50 " "
	11	2	M	2.00 " "
	11	7	M	2.25 " "
	11	5	M	2.50 " "
Average	11	15	M	2.25 " "
July 1873	11	2	M	2.00 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	4	M	2.18½ " "
Jan. 1874	11	1	M	2.00 " "
	11	1	M	2.12 " "
Average	11	2	M	2.06 " "
July 1874	11	2	M	1.87 " "
	11	4	M	2.00 " "
	11	1	M	2.25 " "
Average	11	7	M	2.00 " "
Jan. 1875	10	3	M	1.82 " "
	10	1	M	2.04½ " "
Average	10	4	M	1.87½ " "
July 1875	10	3	M	1.82 " "
	10	1	M	2.04½ " "
Average	10	4	M	1.87½ " "
Jan. 1876	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
July 1876	10	3	M	2.00 " "
	10	1	M	2.25 " "
Average	10	4	M	2.06½ " "
Jan. 1877	10	2	M	1.60 " "
July 1877	10	4	M	1.60 " "
Jan. 1878	10	3	M	1.60 " "
July 1878	10	3	M	1.60 " "
Jan. 1879	10	3	M	1.50 " "
July 1879	10	2	M	1.50 " "
Jan. 1880	10	2	M	$1.50 per day.
	10	1	M	1.60 " "
Average	10	3	M	1.53½ " "
July 1880	10	2	M	1.60 " "
	10	1	M	1.70 " "
Average	10	3	M	1.63½ " "
Jan. 1881	10	2	M	1.60 " "
	10	1	M	1.70 " "
Average	10	3	M	1.63½ " "
July 1881	10	1	M	1.60 " "
	10	1	M	1.70 " "
Average	10	2	M	1.65 " "
Jan. 1882	10	1	M	1.65 " "
	10	1	M	2.00 " "
Average	10	2	M	1.82½ " "
July 1882	10	1	M	1.75 " "
	10	1	M	2.25 " "
Average	10	2	M	2.00 " "
Jan. 1883	10	1	M	1.75 " "
July 1883	10	1	M	1.70 " "
Jan. 1884	10	2	M	1.25 " "
	10	1	M	1.65 " "
Average	10	3	M	1.38½ " "
July 1884	10	2	M	1.25 " "
	10	1	M	1.65 " "
Average	10	3	M	1.38½ " "
Jan. 1885	10	1	M	1.25 " "
	10	2	M	1.65 " "
Average	10	3	M	1.51½ " "
July 1885	10	3	M	1.25 " "
	10	4	M	1.65 " "
Average	10	7	M	1.48 " "
Jan. 1886	10	1	M	1.25 " "
	10	2	M	1.45 " "
	10	1	M	1.65 " "
Average	10	4	M	1.45 " "
July 1886	10	1	M	1.25 " "
	10	2	M	1.45 " "
	10	1	M	1.65 " "
Average	10	4	M	1.45 " "
Jan. 1887	10	2	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
Average	10	4	M	1.40 " "
July 1887	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
Average	10	3	M	1.45 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

PAINTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1888	10	2	M	$1.15 per day.	Jan. 1890	10	2	M	$1.35 per day.
	10	2	M	1.25 " "		10	3	M	1.55 " "
	10	1	M	1.55 " "					
Average	10	5	M	1.27 " "	Average	10	5	M	1.47 " "
July 1888	10	1	M	1.10 " "	July 1890	10	2	M	1.35 " "
	10	2	M	1.25 " "		10	4	M	1.55 " "
	10	1	M	1.55 " "					
Average	10	4	M	1.28½ " "	Average	10	6	M	1.48½ " "
Jan. 1889	10	1	M	1.10 " "	Jan. 1891	10	3	M	1.35 " "
	10	1	M	1.35 " "		10	2	M	1.55 " "
	10	1	M	1.55 " "					
Average	10	3	M	1.33½ " "	Average	10	5	M	1.43 " "
July 1889	10	2	M	1.35 " "	July 1891	10	4	M	1.35 " "
	10	2	M	1.55 " "		10	2	M	1.55 " "
Average	10	4	M	1.45 " "	Average	10	6	M	1.41½ " "

PICKERS.

July 1842	13	1	M	.65 per day.	Jan. 1847	13	2	M	.55 per day.
	13	2	M	.68 " "		13	2	M	.64 " "
	13	1	M	.76 " "		13	2	M	.75 " "
	13	1	M	.80 " "					
Average	13	5	M	.71½ " "	Average	13	6	M	.64½ " "
					July 1847	13	2	M	.55 " "
Jan. 1843	13	2	M	.61 " "		13	3	M	.64 " "
	13	2	M	.76 " "		13	3	M	.75 " "
Average	13	4	M	.68½ " "	Average	13	8	M	.66 " "
July 1843	13	2	M	.61 " "	Jan. 1848	13	2	M	.55 " "
	13	2	M	.76 " "		13	2	M	.64 " "
						13	2	M	.75 " "
Average	13	4	M	.68½ " "	Average	13	6	M	.64½ " "
Jan. 1844	13	2	M	.61 " "					
	13	2	M	.76 " "	July 1848	13	2	M	.55 " "
						13	2	M	.64 " "
Average	13	4	M	.68½ " "		13	2	M	.75 " "
July 1844	13	2	M	.61 " "	Average	13	6	M	.64½ " "
	13	2	M	.76 " "					
					Jan. 1849	13	2	M	.55 " "
Average	13	4	M	.68½ " "		13	2	M	.64 " "
						13	2	M	.75 " "
Jan. 1845	13	2	M	.61 " "					
	13	2	M	.70 " "	Average	13	6	M	.64½ " "
Average	13	4	M	.65½ " "	July 1849	13	2	M	.55 " "
						13	2	M	.64 " "
July 1845	13	4	M	.61 " "		13	2	M	.75 " "
	13	4	M	.70 " "					
					Average	13	6	M	.64½ " "
Average	13	8	M	.65½ " "					
					Jan. 1850	13	2	M	.55 " "
Jan. 1846	13	5	M	.61 " "		13	2	M	.64 " "
	13	2	M	.71 " "		13	3	M	.75 " "
Average	13	7	M	.64 " "	Average	13	7	M	.66 " "
July 1846	13	3	M	.55 " "	July 1850	13	3	M	.55 " "
	13	3	M	.61 " "		13	2	M	.64 " "
	13	3	M	.71 " "		13	2	M	.75 " "
Average	13	9	M	.62½ " "	Average	13	7	M	.63½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

PICKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1851	13	1	M	$0.55 per day.
	13	1	M	.64 " "
	13	1	M	.75 " "
Average	13	3	M	.64½ " "
July 1851	13	1	M	.55 " "
	13	1	M	.64 " "
	13	1	M	.75 " "
Average	13	3	M	.64½ " "
Jan. 1852	13	1	M	.55 " "
	13	1	M	.64 " "
	13	2	M	.75 " "
Average	13	4	M	.67½ " "
July 1852	13	1	M	.55 " "
	13	1	M	.64 " "
	13	2	M	.75 " "
Average	13	4	M	.67½ " "
Jan. 1853	13	1	M	.42 " "
	13	2	M	.64 " "
	13	2	M	.75 " "
Average	13	5	M	.64 " "
July 1853	13	1	M	.42 " "
	13	1	M	.75 " "
	13	2	M	.80 " "
Average	13	4	M	.69½ " "
Jan. 1854	13	2	M	.64 " "
	13	2	M	.75 " "
Average	13	4	M	.69½ " "
July 1854	13	1	M	.42 " "
	13	1	M	.75 " "
	13	2	M	.80 " "
Average	13	4	M	.69½ " "
Jan. 1855	13	1	M	.42 " "
	13	1	M	.75 " "
	13	2	M	.80 " "
Average	13	4	M	.69½ " "
July 1855	13	1	M	.42 " "
	13	2	M	.64 " "
	13	2	M	.80 " "
Average	13	5	M	.66 " "
July 1858	13	1	M	.64 " "
	13	1	M	.83 " "
Average	13	2	M	.73½ " "
Jan. 1859	13	1	M	.64 " "
	13	1	M	.83 " "
Average	13	2	M	.73½ " "
July 1859	13	1	M	.42 " "
	13	1	M	.70 " "
	13	1	M	.83 " "
Average	13	3	M	.65 " "
Jan. 1860	13	1	M	$0.64 per day.
	13	1	M	.83 " "
Average	13	2	M	.73½ " "
July 1860	13	1	M	.67 " "
	13	1	M	.83 " "
Average	13	2	M	.75 " "
Jan. 1861	13	1	M	.67 " "
	13	1	M	.83 " "
Average	13	2	M	.75 " "
July 1861	13	1	M	.67 " "
	13	1	M	.83 " "
Average	13	2	M	.75 " "
Jan. 1862	12	1	M	.67 " "
	12	1	M	.83 " "
Average	12	2	M	.75 " "
July 1862	12	1	M	.75 " "
Jan. 1863	12	1	M	.83 " "
July 1863	12	1	M	.83 " "
Jan. 1864	12	1	M	1.00 " "
July 1864	12	1	M	1.25 " "
Jan. 1865	12	1	M	1.50 " "
July 1865	12	2	M	1.33 " "
Jan. 1866	12	1	M	1.12 " "
	12	1	M	1.40 " "
Average	12	2	M	1.26 " "
July 1866	12	2	M	1.12 " "
	12	1	M	1.40 " "
Average	12	3	M	1.21½ " "
Jan. 1867	12	1	M	1.12 " "
	12	1	M	1.40 " "
Average	12	2	M	1.26 " "
July 1867	12	1	M	1.12 " "
	12	1	M	1.40 " "
Average	12	2	M	1.26 " "
Jan. 1868	11	2	M	1.00 " "
	11	1	M	1.12 " "
Average	11	3	M	1.04 " "
July 1868	11	1	M	1.00 " "
	11	1	M	1.12 " "
Average	11	2	M	1.06 " "
Jan. 1869	11	1	M	1.00 " "
	11	1	M	1.12 " "
Average	11	2	M	1.06 " "
July 1869	11	1	M	1.00 " "
	11	1	M	1.12 " "
Average	11	2	M	1.06 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

PICKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1870	11	1	M	$1.00 per day.
	11	2	M	1.12 " "
	11	1	M	1.50 " "
Average	11	4	M	1.18½ " "
July 1870	11	2	M	1.00 " "
	11	3	M	1.12 " "
	11	1	M	1.50 " "
Average	11	6	M	1.14½ " "
Jan. 1871	11	2	M	1.00 " "
	11	3	M	1.12 " "
	11	1	M	1.50 " "
Average	11	6	M	1.14½ " "
July 1871	11	2	M	1.00 " "
	11	3	M	1.12 " "
	11	1	M	1.50 " "
Average	11	6	M	1.14½ " "
Jan. 1872	11	3	M	1.00 " "
	11	1	M	1.12 " "
	11	2	M	1.50 " "
Average	11	6	M	1.18½ " "
July 1872	11	1	M	1.00 " "
	11	1	M	1.12 " "
	11	1	M	1.50 " "
Average	11	3	M	1.20½ " "
Jan. 1873	11	2	M	1.12 " "
	11	2	M	1.25 " "
	11	5	M	1.33 " "
	11	5	M	1.50 " "
Average	11	14	M	1.35 " "
July 1873	11	2	M	1.12 " "
	11	3	M	1.25 " "
	11	5	M	1.33 " "
	11	5	M	1.50 " "
Average	11	15	M	1.34½ " "
Jan. 1874	11	3	M	1.00 " "
	11	1	M	1.06 " "
	11	2	M	1.25 " "
	11	5	M	1.28 " "
Average	11	11	M	1.18 " "
July 1874	11	3	M	1.06 " "
	11	5	M	1.13 " "
	11	1	M	1.28 " "
	11	3	M	1.40 " "
Average	11	12	M	1.19½ " "
Jan. 1875	10	3	M	1.02½ " "
	10	4	M	1.27½ " "
Average	10	7	M	1.17 " "
July 1875	10	3	M	1.02½ " "
	10	4	M	1.27½ " "
Average	10	7	M	1.17 " "
Jan. 1876	10	9	M	1.02½ " "
July 1876	10	3	M	$0.90 per day.
	10	3	M	1.10 " "
Average	10	6	M	1.00 " "
Jan. 1877	10	4	M	.85 " "
	10	1	M	.90 " "
Average	10	5	M	.86 " "
July 1877	10	3	M	.85 " "
	10	2	M	1.00 " "
Average	10	5	M	.91 " "
Jan. 1878	10	3	M	.85 " "
	10	3	M	1.00 " "
Average	10	6	M	.92½ " "
July 1878	10	3	M	.85 " "
	10	3	M	1.00 " "
Average	10	6	M	.92½ " "
Jan. 1879	10	4	M	.80 " "
	10	3	M	.95 " "
Average	10	7	M	.86½ " "
July 1879	10	4	M	.80 " "
	10	3	M	.95 " "
Average	10	7	M	.86½ " "
Jan. 1880	10	4	M	.80 " "
	10	3	M	.95 " "
Average	10	7	M	.86½ " "
July 1880	10	8	M	1.00 " "
	10	2	M	1.05 " "
Average	10	10	M	1.01 " "
Jan. 1881	10	7	M	1.00 " "
	10	1	M	1.05 " "
Average	10	8	M	1.00½ " "
July 1881	10	6	M	1.00 " "
	10	2	M	1.05 " "
Average	10	8	M	1.01½ " "
Jan. 1882	10	4	M	1.05 " "
	10	2	M	1.10 " "
Average	10	6	M	1.06½ " "
July 1882	10	5	M	1.05 " "
	10	3	M	1.10 " "
Average	10	8	M	1.07 " "
Jan. 1883	10	4	M	1.05 " "
	10	5	M	1.10 " "
Average	10	9	M	1.08 " "
July 1883	10	6	M	1.05 " "
	10	4	M	1.10 " "
Average	10	10	M	1.07 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

PICKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884	10	5	M	$1.05 per day.	Jan. 1888–conc'd.	10	4	M	$1.05 per day.
	10	4	M	1.10 " "		10	2	M	1.15 " "
Average	10	9	M	1.07 " "	Average	10	10	M	1.04 " "
July 1884	10	6	M	1.05 " "	July 1888	10	2	M	.95 " "
	10	5	M	1.10 " "		10	2	M	1.00 " "
						10	4	M	1.05 " "
Average	10	11	M	1.07½ " "		10	2	M	1.15 " "
Jan. 1885	10	4	M	1.10 " "	Average	10	10	M	1.04 " "
	10	4	M	1.15 " "					
					Jan. 1889	10	1	M	.95 " "
Average	10	8	M	1.12½ " "		10	3	M	1.00 " "
						10	2	M	1.10 " "
July 1885	10	5	M	1.10 " "	Average	10	6	M	1.02½ " "
	10	3	M	1.15 " "					
Average	10	8	M	1.12 " "	July 1889	10	3	M	.95 " "
						10	2	M	1.00 " "
Jan. 1886	10	4	M	1.10 " "		10	2	M	1.10 " "
	10	2	M	1.15 " "	Average	10	7	M	1.00½ " "
Average	10	6	M	1.11½ " "					
					Jan. 1890	10	3	M	1.00 " "
July 1886	10	6	M	1.10 " "		10	2	M	1.15 " "
	10	4	M	1.15 " "	Average	10	5	M	1.06 " "
Average	10	10	M	1.12 " "					
					July 1890	10	6	M	1.00 " "
Jan. 1887	10	4	M	1.05 " "		10	1	M	1.15 " "
	10	3	M	1.25 " "	Average	10	7	M	1.02 " "
Average	10	7	M	1.13½ " "	Jan. 1891	10	2	M	1.00 " "
						10	3	M	1.10 " "
July 1887	10	7	M	1.05 " "	Average	10	5	M	1.06 " "
	10	4	M	1.25 " "					
Average	10	11	M	1.12½ " "	July 1891	10	4	M	1.00 " "
						10	2	M	1.10 " "
Jan. 1888	10	2	M	.95 " "	Average	10	6	M	1.03½ " "
	10	2	M	1.00 " "					

ROOM HANDS.

July 1873	11	3	F	1.25 per day.	July 1880	10	5	F	.95 per day.
Jan. 1874	11	3	F	1.06 " "		10	2	F	1.00 " "
July 1874	11	2	F	1.06 " "	Average	10	7	F	.96½ " "
Jan. 1875	10	3	F	.83½ " "					
	10	2	F	.96½ " "	Jan. 1881	10	3	F	.95 " "
						10	3	F	1.00 " "
Average	10	5	F	.88½ " "	Average	10	6	F	.97½ " "
July 1875	10	2	F	.96½ " "					
Jan. 1876	10	5	F	.96½ " "					
July 1876	10	5	F	.96½ " "	July 1881	10	3	F	.95 " "
Jan. 1877	10	3	F	.90 " "		10	3	F	1.00 " "
July 1877	10	3	F	.90 " "	Average	10	6	F	.97½ " "
Jan. 1878	10	3	F	.90 " "					
July 1878	10	3	F	.90 " "					
Jan. 1879	10	2	F	.85 " "	Jan. 1882	10	3	F	.95 " "
	10	1	F	.95 " "		10	3	F	1.00 " "
Average	10	3	F	.88½ " "	Average	10	6	F	.97½ " "
July 1879	10	2	F	.85 " "	July 1882	10	4	F	.95 " "
	10	1	F	.95 " "		10	2	F	1.05 " "
Average	10	3	F	.88½ " "	Average	10	6	F	.98½ " "
Jan. 1880	10	3	F	.85 " "	Jan. 1883	10	2	F	1.00 " "
	10	2	F	.95 " "		10	4	F	1.05 " "
Average	10	5	F	.89 " "	Average	10	6	F	1.03½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

ROOM HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	4	F	$1.00 per day.	July 1886	10	3	F	$1.00 per day.
	10	2	F	1.05 " "		10	3	F	1.05 " "
Average	10	6	F	1.01½ " "	Average	10	6	F	1.02½ " "
Jan. 1884	10	3	F	.95 " "	Jan. 1887	10	2	F	.70 " "
	10	2	F	1.05 " "		10	7	F	1.00 " "
Average	10	5	F	.99 " "	Average	10	9	F	.93½ " "
July 1884	10	4	F	.95 " "	July 1887	10	2	F	.70 " "
	10	3	F	1.05 " "		10	7	F	1.00 " "
Average	10	7	F	.99½ " "	Average	10	9	F	.93½ " "
Jan. 1885	10	2	F	.95 " "	Jan. 1888	10	2	F	.70 " "
	10	2	F	1.05 " "		10	7	F	1.00 " "
Average	10	4	F	1.00 " "	Average	10	9	F	.93½ " "
July 1885	10	3	F	.95 " "	July 1888	10	2	F	.70 " "
	10	4	F	1.05 " "		10	6	F	1.00 " "
Average	10	7	F	1.00½ " "	Average	10	8	F	.92½ " "
Jan. 1886	10	3	F	1.00 " "	Jan. 1889	10	6	F	1.00 " "
	10	3	F	1.05 " "	July 1889	10	6	F	1.00 " "
Average	10	6	F	1.02½ " "	Jan. 1890	10	7	F	1.00 " "
					July 1890	10	7	F	1.00 " "
					Jan. 1891	10	6	F	1.00 " "
					July 1891	10	7	F	1.00 " "

ROVING HANDS.

Jan. 1870	11	10	M	.50 per day.	Jan. 1875	10	6	M	.41 per day.
July 1870	11	11	M	.52 " "	July 1875	10	5	M	.41 " "
Jan. 1871	11	2	M	.52 " "	Jan. 1876	10	10	M	.38 " "
					July 1876	10	10	M	.38 " "
July 1871	11	6	M	.67 " "	Jan. 1877	10	9	M	.35 " "
	11	6	M	.70 " "	July 1877	10	9	M	.35 " "
					Jan. 1878	10	12	M	.35 " "
Average	11	12	M	.68½ " "	July 1878	10	12	M	.35 " "
					Jan. 1879	10	10	M	.30 " "
Jan. 1872	11	3	M	.64 " "	July 1879	10	10	M	.30 " "
	11	5	M	.70 " "	Jan. 1880	10	10	M	.30 " "
					July 1880	10	11	M	.35 " "
Average	11	8	M	.67½ " "	Jan. 1881	10	10	M	.35 " "
					July 1881	10	10	M	.35 " "
July 1872	11	5	M	.64 " "	Jan. 1882	10	10	M	.39 " "
	11	5	M	.70 " "	July 1882	10	10	M	.39 " "
Average	11	10	M	.67 " "	Jan. 1883	10	6	M	.35 " "
						10	4	M	.45 " "
Jan. 1873	11	5	M	.64 " "	Average	10	10	M	.39 " "
	11	6	M	.75 " "					
Average	11	11	M	.70 " "	July 1883	10	8	M	.35 " "
						10	2	M	.45 " "
July 1873	11	6	M	.62 " "	Average	10	10	M	.37 " "
	11	5	M	.75 " "					
Average	11	11	M	.68 " "	Jan. 1884	10	7	M	.37 " "
						10	8	M	.38 " "
Jan. 1874	11	10	M	.45 " "		10	1	M	.58 " "
	11	7	M	.50 " "		10	1	M	.74 " "
Average	11	17	M	.47 " "	Average	10	17	M	.41 " "
					July 1884	10	7	M	.37 " "
July 1874	11	6	M	.45 " "		10	8	M	.38 " "
	11	9	M	.50 " "		10	1	M	.58 " "
						10	1	M	.74 " "
Average	11	15	M	.48 " "	Average	10	17	M	.41 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

ROVING HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1885	10	4	M	$0.38 per day.	July 1888	10	3	M	$0.35 per day.
	10	1	M	.58 " "		10	5	M	.40 " "
	10	1	M	.70 " "		10	4	M	.50 " "
Average	10	6	M	.46½ " "	Average	10	12	M	.42 " "
July 1885	10	4	M	.38 " "	Jan. 1889	10	4	M	.35 " "
	10	1	M	.58 " "		10	4	M	.40 " "
	10	1	M	.70 " "		10	6	M	.50 " "
Average	10	6	M	.46½ " "	Average	10	14	M	.43 " "
Jan. 1886	10	2	M	.45 " "	July 1889	10	3	M	.35 " "
	10	2	M	.75 " "		10	5	M	.40 " "
Average	10	4	M	.60 " "		10	7	M	.50 " "
July 1886	10	2	M	.45 " "	Average	10	15	M	.43½ " "
	10	2	M	.75 " "	Jan. 1890	10	4	M	.35 " "
Average	10	4	M	.60 " "		10	6	M	.45 " "
Jan. 1887	10	6	M	.38 " "	Average	10	10	M	.41 " "
	10	5	M	.45 " "	July 1890	10	4	M	.35 " "
Average	10	11	M	.41 " "		10	6	M	.45 " "
July 1887	10	6	M	.38 " "	Average	10	10	M	.41 " "
	10	6	M	.45 " "	Jan. 1891	10	8	M	.45 " "
Average	10	12	M	.41½ " "		10	4	M	.60 " "
Jan. 1888	10	6	M	.38 " "	Average	10	12	M	.50 " "
	10	7	M	.45 " "	July 1891	10	8	M	.45 " "
Average	10	13	M	.42 " "		10	4	M	.60 " "
					Average	10	12	M	.50 " "

SECOND HANDS.

July 1842	13	1	M	1.16 per day.	July 1845	13	1	M	1.00 per day.
	13	1	M	1.16½ " "		13	1	M	1.16 " "
Average	13	2	M	1.16½ " "		13	2	M	1.25 " "
Jan. 1843	13	1	M	1.00 " "	Average	13	4	M	1.16½ " "
	13	1	M	1.16 " "	Jan. 1846	13	1	M	.91 " "
	13	1	M	1.16½ " "		13	2	M	1.16 " "
Average	13	3	M	1.11 " "		13	1	M	1.25 " "
July 1843	13	1	M	1.08 " "	Average	13	4	M	1.12 " "
	13	1	M	1.25 " "	July 1846	13	1	M	1.00 " "
Average	13	2	M	1.16½ " "		13	2	M	1.16 " "
						13	1	M	1.25 " "
Jan. 1844	13	1	M	.75 " "	Average	13	4	M	1.14½ " "
	13	1	M	1.08 " "	Jan. 1847	13	1	M	1.08 " "
	13	2	M	1.16 " "		13	2	M	1.16 " "
	13	1	M	1.50 " "		13	1	M	1.25 " "
Average	13	5	M	1.13 " "	Average	13	4	M	1.16½ " "
July 1844	13	1	M	.83½ " "	July 1847	13	3	M	1.16 " "
	13	1	M	1.00 " "		13	1	M	1.25 " "
	13	3	M	1.16 " "					
Average	13	5	M	1.06½ " "	Average	13	4	M	1.18½ " "
Jan. 1845	13	1	M	.83½ " "	Jan. 1848	13	3	M	1.16 " "
	13	4	M	1.16 " "		13	1	M	1.25 " "
Average	13	5	M	1.09½ " "	Average	13	4	M	1.18½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1848	13	3	M	$1.16 per day.
	13	1	M	1.25 " "
Average	13	4	M	1.18½ " "
Jan. 1849	13	2	M	1.16 " "
	13	1	M	1.25 " "
Average	13	3	M	1.19 " "
July 1849	13	2	M	1.16 " "
	13	1	M	1.25 " "
Average	13	3	M	1.19 " "
Jan. 1850	13	2	M	1.16 " "
	13	1	M	1.25 " "
Average	13	3	M	1.19 " "
July 1850	13	1	M	1.00 " "
	13	1	M	1.16 " "
	13	1	M	1.25 " "
Average	13	3	M	1.13½ " "
Jan. 1851	13	1	M	1.00 " "
	13	1	M	1.16 " "
	13	1	M	1.25 " "
Average	13	3	M	1.13½ " "
July 1851	13	1	M	1.00 " "
	13	2	M	1.16 " "
Average	13	3	M	1.10½ " "
Jan. 1852	13	1	M	.83 " "
	13	3	M	1.16 " "
Average	13	4	M	1.07½ " "
July 1852	13	1	M	1.00 " "
	13	2	M	1.16 " "
	13	1	M	1.25 " "
Average	13	4	M	1.14½ " "
Jan. 1853	13	1	M	1.00 " "
	13	1	M	1.16 " "
	13	1	M	1.25 " "
	13	2	M	1.33 " "
Average	13	5	M	1.21½ " "
July 1853	13	1	M	1.41 " "
Jan. 1854	13	1	M	1.08 " "
	13	1	M	1.33 " "
	13	1	M	1.50 " "
Average	13	3	M	1.30½ " "
July 1854	13	1	M	1.33 " "
	13	1	M	1.41 " "
Average	13	2	M	1.37 " "
Jan. 1855	13	1	M	1.25 " "
	13	1	M	1.41 " "
Average	13	2	M	1.33 " "
July 1855	13	1	M	1.25 " "
July 1858	13	4	M	$1.08 per day.
	13	1	M	1.16 " "
	13	1	M	1.25 " "
Average	13	6	M	1.12 " "
Jan. 1859	13	4	M	1.08 " "
	13	1	M	1.16 " "
	13	1	M	1.25 " "
Average	13	6	M	1.12 " "
July 1859	13	2	M	1.00 " "
	13	1	M	1.08 " "
	13	2	M	1.16 " "
	13	1	M	1.25 " "
Average	13	6	M	1.11 " "
Jan. 1860	13	5	M	1.16 " "
	13	1	M	1.25 " "
Average	13	6	M	1.17½ " "
July 1860	13	3	M	1.16 " "
	13	4	M	1.25 " "
Average	13	7	M	1.21 " "
Jan. 1861	13	3	M	1.16 " "
	13	3	M	1.25 " "
Average	13	6	M	1.20½ " "
July 1861	13	1	M	1.16 " "
	13	1	M	1.25 " "
Average	13	2	M	1.20½ " "
Jan. 1862	12	2	M	1.16 " "
	12	1	M	1.25 " "
Average	12	3	M	1.19 " "
July 1862	12	3	M	1.00 " "
	12	1	M	1.16 " "
Average	12	4	M	1.04 " "
Jan. 1863	12	1	M	1.16 " "
July 1863	12	1	M	1.16 " "
Jan. 1864	12	2	M	1.50 " "
July 1864	12	2	M	1.25 " "
Jan. 1865	12	2	M	1.25 " "
July 1865	12	3	M	1.50 " "
	12	2	M	1.75 " "
Average	12	5	M	1.60 " "
Jan. 1866	12	1	M	1.50 " "
	12	3	M	1.75 " "
	12	1	M	2.00 " "
Average	12	5	M	1.75 " "
July 1866	12	3	M	1.75 " "
	12	1	M	2.05 " "
Average	12	4	M	1.81½ " "
Jan. 1867	12	3	M	1.83 " "
	12	1	M	2.00 " "
Average	12	4	M	1.87½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1867	12	2	M	$1.75 per day.
	12	2	M	1.83 " "
	12	1	M	2.00 " "
Average	12	5	M	1.83 " "
Jan. 1868	11	3	M	1.83 " "
	11	2	M	2.00 " "
Average	11	5	M	1.90 " "
July 1868	11	3	M	1.83 " "
	11	2	M	2.00 " "
Average	11	5	M	1.90 " "
Jan. 1869	11	1	M	1.50 " "
	11	2	M	1.83 " "
	11	2	M	2.00 " "
Average	11	5	M	1.83 " "
July 1869	11	1	M	1.50 " "
	11	1	M	2.00 " "
	11	1	M	2.25 " "
Average	11	3	M	1.91½ " "
Jan. 1870	11	1	M	1.33 " "
	11	1	M	1.50 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	4	M	1.64½ " "
July 1870	11	2	M	1.00 " "
	11	1	M	1.25 " "
	11	1	M	1.33 " "
	11	1	M	1.50 " "
	11	2	M	2.00 " "
Average	11	7	M	1.44 " "
Jan. 1871	11	2	M	1.25 " "
	11	2	M	2.25 " "
Average	11	4	M	1.75 " "
July 1871	11	2	M	1.25 " "
	11	1	M	1.50 " "
	11	2	M	2.25 " "
Average	11	5	M	1.70 " "
Jan. 1872	11	1	M	1.25 " "
	11	1	M	1.50 " "
	11	1	M	2.25 " "
Average	11	3	M	1.66⅔ " "
July 1872	11	1	M	1.50 " "
	11	2	M	2.00 " "
	11	1	M	2.25 " "
Average	11	4	M	1.93¾ " "
Jan. 1873	11	1	M	1.16 " "
	11	1	M	1.50 " "
	11	1	M	1.62 " "
	11	3	M	2.00 " "
	11	1	M	2.25 " "
Average	11	7	M	1.79 " "
July 1873	11	1	M	1.16 " "
	11	1	M	1.50 " "
July 1873–conc'd.	11	1	M	$1.62 per day.
	11	3	M	2.25 " "
Average	11	6	M	1.84 " "
Jan. 1874	11	1	M	1.16 " "
	11	1	M	1.62 " "
	11	5	M	2.00 " "
Average	11	7	M	1.82½ " "
July 1874	11	1	M	1.10 " "
	11	1	M	1.62 " "
	11	6	M	2.00 " "
	11	1	M	2.25 " "
Average	11	9	M	1.88½ " "
Jan. 1875	10	2	M	1.59 " "
	10	4	M	1.82 " "
Average	10	6	M	1.74½ " "
July 1875	10	2	M	1.59 " "
	10	4	M	1.82 " "
Average	10	6	M	1.74½ " "
Jan. 1876	10	1	M	1.59 " "
	10	4	M	1.82 " "
	10	1	M	2.00 " "
	10	1	M	2.27½ " "
Average	10	7	M	1.88 " "
July 1876	10	1	M	1.59 " "
	10	4	M	1.82 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
Average	10	7	M	1.86½ " "
Jan. 1877	10	2	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	1.80 " "
Average	10	5	M	1.66 " "
July 1877	10	1	M	1.50 " "
	10	1	M	1.65 " "
	10	2	M	1.75 " "
	10	1	M	1.80 " "
Average	10	5	M	1.69 " "
Jan. 1878	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.65 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
Average	10	5	M	1.59 " "
July 1878	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.65 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
Average	10	5	M	1.59 " "
Jan. 1879	10	1	M	1.40 " "
	10	1	M	1.65 " "
	10	4	M	1.80 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1879–conc'd.	10	2	M	$1.85 per day.
	10	1	M	2.00 " "
Average	10	9	M	1.77 " "
July 1879	10	1	M	1.40 " "
	10	1	M	1.65 " "
	10	4	M	1.80 " "
	10	2	M	1.85 " "
	10	1	M	2.00 " "
Average	10	9	M	1.78½ " "
Jan. 1880	10	1	M	1.40 " "
	10	1	M	1.60 " "
	10	5	M	1.80 " "
	10	2	M	1.85 " "
	10	1	M	2.10 " "
Average	10	10	M	1.78 " "
July 1880	10	1	M	1.75 " "
	10	3	M	1.80 " "
	10	4	M	1.85 " "
	10	1	M	2.10 " "
Average	10	9	M	1.85 " "
Jan. 1881	10	1	M	1.60 " "
	10	1	M	1.75 " "
	10	2	M	1.80 " "
	10	5	M	1.85 " "
	10	1	M	2.10 " "
Average	10	10	M	1.83 " "
July 1881	10	1	M	1.40 " "
	10	3	M	1.80 " "
	10	5	M	1.85 " "
	10	1	M	2.10 " "
Average	10	10	M	1.81½ " "
Jan. 1882	10	1	M	1.60 " "
	10	2	M	1.85 " "
	10	3	M	1.90 " "
	10	1	M	1.95 " "
	10	2	M	2.00 " "
	10	1	M	2.15 " "
Average	10	10	M	1.91 " "
July 1882	10	1	M	1.60 " "
	10	1	M	1.65 " "
	10	2	M	1.85 " "
	10	3	M	1.90 " "
	10	1	M	1.95 " "
	10	2	M	2.00 " "
	10	1	M	2.15 " "
Average	10	11	M	1.88½ " "
Jan. 1883	10	1	M	1.60 " "
	10	1	M	1.75 " "
	10	2	M	1.85 " "
	10	3	M	1.90 " "
	10	1	M	1.95 " "
	10	3	M	2.00 " "
	10	1	M	2.65 " "
Average	10	12	M	1.94½ " "
July 1883	10	2	M	1.75 " "
	10	2	M	1.85 " "
	10	3	M	1.90 " "
	10	1	M	1.95 " "
July 1883–conc'd.	10	3	M	$2.00 per day.
	10	1	M	2.65 " "
Average	10	12	M	1.96 " "
Jan. 1884	10	2	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	2	M	1.95 " "
	10	4	M	2.00 " "
	10	1	M	2.60 " "
Average	10	11	M	1.97½ " "
July 1884	10	2	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	2	M	1.95 " "
	10	4	M	2.00 " "
	10	1	M	2.60 " "
Average	10	11	M	1.97½ " "
Jan. 1885	10	1	M	1.75 " "
	10	2	M	1.80 " "
	10	2	M	1.85 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.60 " "
Average	10	11	M	1.98 " "
July 1885	10	1	M	1.60 " "
	10	1	M	1.75 " "
	10	2	M	1.80 " "
	10	2	M	1.85 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
Average	10	11	M	1.89 " "
Jan. 1886	10	1	M	1.80 " "
	10	2	M	1.90 " "
	10	1	M	1.95 " "
	10	4	M	2.00 " "
Average	10	8	M	1.94½ " "
July 1886	10	1	M	1.80 " "
	10	2	M	1.90 " "
	10	1	M	1.95 " "
	10	4	M	2.00 " "
Average	10	8	M	1.94½ " "
Jan. 1887	10	3	M	1.80 " "
	10	3	M	1.90 " "
	10	7	M	2.00 " "
	10	1	M	2.15 " "
Average	10	14	M	1.94½ " "
July 1887	10	3	M	1.80 " "
	10	3	M	1.90 " "
	10	7	M	2.00 " "
	10	1	M	2.15 " "
Average	10	14	M	1.94½ " "
Jan. 1888	10	1	M	1.70 " "
	10	2	M	1.80 " "
	10	2	M	1.90 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECOND HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1888–conc'd.	10	7	M	$2.00 per day.	Jan. 1890	10	11	M	$2.00 per day.
	10	1	M	2.15 " "		10	1	M	2.15 " "
Average	10	13	M	1.94 " "	Average	10	12	M	2.01½ " "
July 1888	10	1	M	1.70 " "	July 1890	10	11	M	2.00 " "
	10	2	M	1.90 " "		10	1	M	2.15 " "
	10	6	M	2.00 " "					
	10	1	M	2.15 " "	Average	10	12	M	2.01½ " "
Average	10	10	M	1.96½ " "	Jan. 1891	10	1	M	1.90 " "
Jan. 1889	10	2	M	1.90 " "		10	8	M	2.00 " "
	10	6	M	2.00 " "		10	2	M	2.12½ " "
	10	1	M	2.15 " "	Average	10	11	M	2.01½ " "
Average	10	9	M	1.99½ " "	July 1891	10	1	M	1.90 " "
July 1889	10	2	M	1.90 " "		10	9	M	2.00 " "
	10	6	M	2.00 " "		10	2	M	2.12½ " "
	10	1	M	2.15 " "	Average	10	12	M	2.01½ " "
Average	10	9	M	1.99½ " "					

SECTION HANDS.

July 1842	13	1	M	.45 per day.	July 1845	13	2	M	.30 per day.
	13	1	M	.57 " "		13	2	M	.60 " "
	13	2	M	.60 " "		13	1	M	.65 " "
	13	1	M	.83 " "		13	2	M	.75 " "
	13	1	M	1.12 " "		13	1	M	1.00 " "
Average	13	6	M	.69½ " "	Average	13	8	M	.62 " "
Jan. 1843	13	1	M	.45 " "	Jan. 1846	13	1	M	.45 " "
	13	1	M	.57 " "		13	1	M	.61 " "
	13	1	M	.60 " "		13	1	M	.70 " "
	13	1	M	.61 " "		13	3	M	.83 " "
	13	1	M	.75 " "		13	1	M	.91 " "
Average	13	5	M	.59½ " "	Average	13	7	M	.73½ " "
July 1843	13	1	M	.57 " "	July 1846	13	1	M	.45 " "
	13	1	M	.61 " "		13	1	M	.61 " "
	13	1	M	.67 " "		13	3	M	.67 " "
	13	1	M	.83½ " "		13	1	M	.72 " "
						13	3	M	.83 " "
Average	13	4	M	.67 " "		13	1	M	.91 " "
Jan. 1844	13	1	M	.45 " "	Average	13	10	M	.72 " "
	13	1	M	.50 " "	Jan. 1847	13	2	M	.45 " "
	13	2	M	.55 " "		13	1	M	.61 " "
	13	1	M	.58 " "		13	3	M	.67 " "
	13	1	M	.61 " "		13	1	M	.75 " "
	13	1	M	.67 " "		13	2	M	.83 " "
	13	1	M	.83 " "		13	1	M	.91 " "
	13	1	M	.91 " "		13	1	M	1.00 " "
Average	13	9	M	.63 " "	Average	13	11	M	.71½ " "
July 1844	13	2	M	.65 " "	July 1847	13	2	M	.45 " "
	13	2	M	.70 " "		13	1	M	.61 " "
	13	1	M	.83 " "		13	2	M	.67 " "
Average	13	5	M	.70½ " "		13	1	M	.75 " "
Jan. 1845	13	1	M	.50 " "		13	1	M	.83 " "
	13	1	M	.54 " "		13	2	M	.83½ " "
	13	1	M	.60 " "		13	2	M	1.00 " "
	13	1	M	.65 " "	Average	13	11	M	.73½ " "
	13	1	M	.67 " "					
	13	1	M	.75 " "	Jan. 1848	13	1	M	.40 " "
	13	1	M	.83 " "		13	1	M	.45 " "
						13	1	M	.58 " "
Average	13	7	M	.65 " "		13	1	M	.61 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECTION HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1848–conc'd.	13	1	M	$0.75 per day.
	13	1	M	.83½ " "
	13	3	M	1.00 " "
Average	13	9	M	.73½ " "
July 1848	13	1	M	.45 " "
	13	2	M	.50 " "
	13	1	M	.55 " "
	13	1	M	.67 " "
	13	3	M	.75 " "
	13	1	M	.83½ " "
	13	3	M	1.00 " "
Average	13	12	M	.73 " "
Jan. 1849	13	1	M	.48 " "
	13	2	M	.50 " "
	13	1	M	.56 " "
	13	1	M	.67 " "
	13	1	M	.75 " "
	13	1	M	.83 " "
	13	1	M	.83½ " "
	13	1	M	.91 " "
	13	1	M	1.00 " "
	13	1	M	1.08 " "
Average	13	11	M	.74 " "
July 1849	13	3	M	.50 " "
	13	2	M	.60 " "
	13	1	M	.65 " "
	13	1	M	.67 " "
	13	2	M	.75 " "
	13	1	M	.91 " "
	13	2	M	1.00 " "
	13	1	M	1.08 " "
Average	13	13	M	.73 " "
Jan. 1850	13	5	M	.50 " "
	13	1	M	.64 " "
	13	1	M	.65 " "
	13	1	M	.67 " "
	13	1	M	.91 " "
	13	2	M	1.00 " "
	13	1	M	1.08 " "
	13	1	M	1.16 " "
Average	13	13	M	.74 " "
July 1850	13	1	M	.40 " "
	13	3	M	.50 " "
	13	1	M	.67 " "
	13	2	M	.75 " "
	13	1	M	.91 " "
	13	1	M	1.08 " "
	13	2	M	1.16 " "
Average	13	11	M	.76 " "
Jan. 1851	13	1	M	.53 " "
	13	3	M	.55 " "
	13	1	M	.83½ " "
	13	1	M	.91 " "
	13	1	M	1.00 " "
	13	1	M	1.08 " "
	13	1	M	1.16 " "
Average	13	9	M	.79½ " "
July 1851	13	1	M	.60 " "
	13	1	M	.83½ " "
	13	3	M	1.00 " "
	13	1	M	1.08 " "
Average	13	6	M	.92 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1852	13	2	M	$0.60 per day.
	13	1	M	.75 " "
	13	1	M	.83 " "
	13	1	M	1.16 " "
Average	13	5	M	.79 " "
July 1852	13	1	M	.60 " "
	13	1	M	.67 " "
	13	1	M	.75 " "
	13	3	M	.83 " "
	13	2	M	1.00 " "
	13	2	M	1.16 " "
Average	13	10	M	.88½ " "
Jan. 1853	13	1	M	.60 " "
	13	1	M	.67 " "
	13	2	M	.75 " "
	13	1	M	.83 " "
	13	1	M	1.00 " "
	13	1	M	1.08 " "
	13	1	M	1.25 " "
Average	13	8	M	.86½ " "
July 1853	13	2	M	.45 " "
	13	1	M	.64 " "
	13	2	M	.67 " "
	13	2	M	.75 " "
	13	1	M	.83 " "
	13	1	M	1.00 " "
	13	1	M	1.16 " "
	13	1	M	1.25 " "
Average	13	11	M	.78½ " "
Jan. 1854	13	4	M	.60 " "
	13	1	M	.75 " "
	13	1	M	.83 " "
	13	2	M	1.00 " "
	13	1	M	1.16 " "
	13	1	M	1.25 " "
Average	13	10	M	.84 " "
July 1854	13	1	M	.50 " "
	13	1	M	.60 " "
	13	1	M	.64 " "
	13	1	M	.67 " "
	13	2	M	.75 " "
	13	1	M	1.16 " "
	13	1	M	1.25 " "
Average	13	8	M	.79 " "
Jan. 1855	13	1	M	.50 " "
	13	1	M	.60 " "
	13	1	M	.64 " "
	13	3	M	.75 " "
	13	2	M	.91 " "
	13	1	M	1.16 " "
Average	13	9	M	.77½ " "
July 1855	13	1	M	.50 " "
	13	1	M	.60 " "
	13	1	M	1.08 " "
Average	13	3	M	.72½ " "
Jan. 1858	13	1	M	.67 " "
	13	1	M	.91 " "
Average	13	2	M	.79 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECTION HANDS—Continued.

Payroll of—	Hours per day	Different employés.	Sex.	Rate of wages.
July 1858	13	2	M	$0.40 per day.
	13	3	M	.60 " "
	13	2	M	.67 " "
	13	1	M	.70 " "
	13	2	M	.91 " "
	13	1	M	1.00 " "
Average	13	11	M	.68 " "
Jan. 1859	13	2	M	.40 " "
	13	3	M	.60 " "
	13	1	M	.70 " "
	13	2	M	.75 " "
	13	1	M	.91 " "
	13	1	M	1.00 " "
Average	13	10	M	.67 " "
July 1859	13	2	M	.60 " "
	13	1	M	.70 " "
	13	4	M	.75 " "
	13	1	M	.91 " "
	13	1	M	1.00 " "
Average	13	9	M	.75½ " "
Jan. 1860	13	2	M	.60 " "
	13	1	M	.70 " "
	13	1	M	.91 " "
	13	1	M	1.00 " "
Average	13	5	M	.76 " "
July 1860	13	1	M	.65 " "
	13	1	M	.70 " "
	13	1	M	.83 " "
	13	2	M	.91 " "
	13	1	M	1.00 " "
Average	13	6	M	.83½ " "
Jan. 1861	13	1	M	.65 " "
	13	1	M	.70 " "
	13	2	M	.83 " "
	13	2	M	.91 " "
Average	13	6	M	.80½ " "
July 1861	13	1	M	.65 " "
	13	2	M	.75 " "
	13	1	M	.83 " "
	13	1	M	.91 " "
	13	1	M	1.00 " "
Average	13	6	M	.81½ " "
Jan. 1862	12	1	M	.65 " "
	12	2	M	.75 " "
	12	2	M	.91 " "
	12	1	M	1.00 " "
Average	12	6	M	.83 " "
July 1862	12	1	M	.65 " "
	12	2	M	.75 " "
	12	1	M	1.00 " "
Average	12	4	M	.78½ " "
Jan. 1863	12	1	M	.65 " "
	12	1	M	.91 " "
	12	1	M	1.00 " "
Average	12	3	M	.85½ " "
July 1863	12	1	M	$0.65 per day.
	12	1	M	.91 " "
	12	1	M	1.00 " "
Average	12	3	M	.85½ " "
Jan. 1864	12	1	M	.65 " "
	12	1	M	1.00 " "
Average	12	2	M	.82½ " "
July 1864	12	1	M	.65 " "
	12	1	M	1.00 " "
	12	1	M	1.16 " "
Average	12	3	M	.93½ " "
Jan. 1865	12	1	M	.65 " "
	12	1	M	1.00 " "
Average	12	2	M	.82½ " "
July 1865	12	1	M	.65 " "
	12	1	M	1.00 " "
	12	1	M	1.25 " "
	12	1	M	1.33 " "
	12	1	M	1.37 " "
Average	12	5	M	1.12 " "
Jan. 1866	12	2	M	1.00 " "
	12	1	M	1.33 " "
	12	2	M	1.50 " "
	12	2	M	1.75 " "
Average	12	7	M	1.40½ " "
July 1866	12	1	M	.83 " "
	12	1	M	1.00 " "
	12	1	M	1.25 " "
	12	1	M	1.50 " "
	12	3	M	1.75 " "
Average	12	7	M	1.40½ " "
Jan. 1867	12	1	M	.83 " "
	12	2	M	.90 " "
	12	1	M	1.25 " "
	12	1	M	1.50 " "
	12	1	M	1.67 " "
	12	1	M	1.75 " "
	12	1	M	1.91 " "
Average	12	8	M	1.34 " "
July 1867	12	1	M	.92 " "
	12	1	M	1.00 " "
	12	1	M	1.67 " "
	12	1	M	1.75 " "
	12	1	M	1.91 " "
Average	12	5	M	1.45 " "
Jan. 1868	11	2	M	.92 " "
	11	1	M	1.08 " "
	11	1	M	1.50 " "
	11	1	M	1.67 " "
Average	11	5	M	1.22 " "
July 1868	11	2	M	.92 " "
	11	1	M	1.16 " "
	11	2	M	1.67 " "
Average	11	5	M	1.27 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECTION HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	11	3	M	$0.90 per day.
	11	2	M	.92 " "
	11	1	M	1.16 " "
	11	4	M	1.50 " "
Average	11	10	M	1.17 " "
July 1869	11	1	M	.92 " "
	11	3	M	1.00 " "
	11	1	M	1.25 " "
	11	1	M	1.50 " "
	11	2	M	1.67 " "
	11	1	M	2.00 " "
Average	11	9	M	1.33½ " "
Jan. 1870	11	2	M	.92 " "
	11	2	M	1.00 " "
	11	2	M	1.25 " "
	11	2	M	1.67 " "
	11	1	M	1.75 " "
	11	2	M	1.91 " "
	11	1	M	2.00 " "
Average	11	12	M	1.43½ " "
July 1870	11	1	M	.92 " "
	11	1	M	1.00 " "
	11	1	M	1.10 " "
	11	1	M	1.33 " "
	11	2	M	1.50 " "
	11	4	M	1.67 " "
Average	11	10	M	1.40½ " "
Jan. 1871	11	2	M	.91 " "
	11	1	M	1.00 " "
	11	4	M	1.25 " "
	11	4	M	1.67 " "
	11	2	M	1.75 " "
	11	3	M	1.83 " "
Average	11	16	M	1.47 " "
July 1871	11	1	M	.83 " "
	11	2	M	.91 " "
	11	1	M	1.12 " "
	11	2	M	1.25 " "
	11	1	M	1.50 " "
	11	4	M	1.67 " "
	11	1	M	1.75 " "
	11	2	M	2.00 " "
Average	11	14	M	1.44½ " "
Jan. 1872	11	1	M	.83 " "
	11	2	M	.91 " "
	11	1	M	1.00 " "
	11	1	M	1.12 " "
	11	1	M	1.25 " "
	11	4	M	1.50 " "
	11	2	M	1.67 " "
	11	1	M	1.75 " "
	11	5	M	2.00 " "
Average	11	18	M	1.50½ " "
July 1872	11	2	M	.91 " "
	11	1	M	1.12 " "
	11	1	M	1.25 " "
	11	1	M	1.83 " "
	11	3	M	1.50 " "
	11	3	M	1.75 " "
	11	4	M	2.00 " "
Average	11	15	M	1.55 " "
Jan. 1873	11	1	M	$0.83 per day.
	11	3	M	1.00 " "
	11	1	M	1.25 " "
	11	2	M	1.33 " "
	11	1	M	1.50 " "
	11	6	M	1.83 " "
	11	2	M	2.00 " "
Average	11	16	M	1.51½ " "
July 1873	11	1	M	.67 " "
	11	1	M	1.16 " "
	11	2	M	1.25 " "
	11	1	M	1.33 " "
	11	1	M	1.50 " "
	11	2	M	1.83 " "
	11	6	M	2.00 " "
Average	11	14	M	1.63 " "
Jan. 1874	11	2	M	1.00 " "
	11	1	M	1.06 " "
	11	1	M	1.13 " "
	11	4	M	1.25 " "
	11	2	M	1.65 " "
	11	6	M	1.80 " "
Average	11	16	M	1.45½ " "
July 1874	11	2	M	1.00 " "
	11	2	M	1.06 " "
	11	1	M	1.13 " "
	11	2	M	1.25 " "
	11	1	M	1.50 " "
	11	2	M	1.65 " "
	11	4	M	1.80 " "
Average	11	14	M	1.41 " "
Jan. 1875	10	1	M	.77½ " "
	10	2	M	1.00 " "
	10	1	M	1.50 " "
	10	7	M	1.63½ " "
Average	10	11	M	1.43 " "
July 1875	10	1	M	.77½ " "
	10	2	M	1.00 " "
	10	1	M	1.50 " "
	10	5	M	1.63½ " "
Average	10	9	M	1.38½ " "
Jan. 1876	10	1	M	.90 " "
	10	4	M	1.55 " "
	10	1	M	1.60 " "
Average	10	6	M	1.45 " "
July 1876	10	1	M	.90 " "
	10	4	M	1.55 " "
	10	1	M	1.60 " "
Average	10	6	M	1.45 " "
Jan. 1877	10	1	M	.85 " "
	10	5	M	1.46 " "
	10	1	M	1.50 " "
Average	10	7	M	1.38 " "
Jnly 1877	10	1	M	.85 " "
	10	6	M	1.46 " "
	10	1	M	1.50 " "
Average	10	8	M	1.39 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECTION HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878	10	1	M	$0.95 per day.
	10	5	M	1.46 " "
	10	1	M	1.50 " "
Average	10	7	M	1.39½ " "
July 1878	10	1	M	.95 " "
	10	6	M	1.46 " "
	10	1	M	1.50 " "
Average	10	8	M	1.40 " "
Jan. 1879	10	1	M	1.05 " "
	10	14	M	1.37 " "
	10	1	M	1.50 " "
	10	4	M	1.60 " "
	10	1	M	1.80 " "
Average	10	21	M	1.42½ " "
July 1879	10	1	M	1.05 " "
	10	12	M	1.37 " "
	10	1	M	1.50 " "
	10	5	M	1.60 " "
	10	1	M	1.80 " "
Average	10	20	M	1.44 " "
Jan. 1880	10	1	M	1.05 " "
	10	1	M	1.15 " "
	10	5	M	1.40 " "
	10	1	M	1.50 " "
	10	4	M	1.60 " "
Average	10	12	M	1.42½ " "
July 1880	10	1	M	1.05 " "
	10	1	M	1.15 " "
	10	8	M	1.50 " "
	10	1	M	1.55 " "
	10	5	M	1.60 " "
Average	10	16	M	1.48½ " "
Jan. 1881	10	2	M	1.05 " "
	10	2	M	1.15 " "
	10	7	M	1.50 " "
	10	1	M	1.55 " "
	10	6	M	1.60 " "
Average	10	18	M	1.44½ " "
July 1881	10	1	M	1.05 " "
	10	1	M	1.15 " "
	10	6	M	1.50 " "
	10	1	M	1.55 " "
	10	7	M	1.60 " "
Average	10	16	M	1.49½ " "
Jan. 1882	10	1	M	1.05 " "
	10	3	M	1.25 " "
	10	2	M	1.55 " "
	10	12	M	1.65 " "
	10	1	M	1.70 " "
	10	1	M	1.90 " "
Average	10	20	M	1.56½ " "
July 1882	10	2	M	1.05 " "
	10	2	M	1.25 " "
	10	2	M	1.55 " "
	10	11	M	1.65 " "
	10	1	M	1.75 " "
	10	1	M	1.90 " "
Average	10	19	M	1.55⅓ " "
Jan. 1883	10	3	M	$1.10 per day.
	10	2	M	1.30 " "
	10	6	M	1.55 " "
	10	8	M	1.65 " "
	10	1	M	1.75 " "
Average	10	20	M	1.50½ " "
July 1883	10	3	M	1.10 " "
	10	2	M	1.30 " "
	10	7	M	1.55 " "
	10	9	M	1.65 " "
	10	1	M	1.80 " "
Average	10	22	M	1.52 " "
Jan. 1884	10	2	M	1.20 " "
	10	2	M	1.30 " "
	10	5	M	1.55 " "
	10	10	M	1.65 " "
	10	1	M	1.80 " "
Average	10	20	M	1.55½ " "
July 1884	10	2	M	1.20 " "
	10	3	M	1.30 " "
	10	7	M	1.55 " "
	10	9	M	1.65 " "
	10	1	M	1.80 " "
Average	10	22	M	1.53½ " "
Jan. 1885	10	2	M	1.20 " "
	10	3	M	1.30 " "
	10	5	M	1.50 " "
	10	8	M	1.65 " "
	10	1	M	1.75 " "
Average	10	19	M	1.51½ " "
July 1885	10	2	M	1.20 " "
	10	2	M	1.30 " "
	10	6	M	1.50 " "
	10	9	M	1.65 " "
	10	1	M	1.75 " "
Average	10	20	M	1.53 " "
Jan. 1886	10	2	M	1.20 " "
	10	1	M	1.30 " "
	10	7	M	1.45 " "
	10	1	M	1.50 " "
	10	3	M	1.65 " "
	10	7	M	1.75 " "
Average	10	21	M	1.55 " "
July 1886	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	7	M	1.45 " "
	10	1	M	1.50 " "
	10	3	M	1.65 " "
	10	7	M	1.75 " "
Average	10	21	M	1.55½ " "
Jan. 1887	10	1	M	1.20 " "
	10	2	M	1.30 " "
	10	8	M	1.45 " "
	10	5	M	1.65 " "
	10	9	M	1.75 " "
	10	1	M	1.85 " "
Average	10	26	M	1.58⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECTION HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887	10	1	M	$1.20 per day.
	10	2	M	1.30 " "
	10	7	M	1.45 " "
	10	6	M	1.65 " "
	10	8	M	1.75 " "
	10	1	M	1.85 " "
Average	10	25	M	1.59 " "
Jan. 1888	10	1	M	1.20 " "
	10	2	M	1.30 " "
	10	8	M	1.45 " "
	10	5	M	1.65 " "
	10	9	M	1.75 " "
	10	1	M	1.85 " "
Average	10	26	M	1.58½ " "
July 1888	10	2	M	1.25 " "
	10	2	M	1.30 " "
	10	6	M	1.50 " "
	10	5	M	1.75 " "
	10	1	M	1.85 " "
Average	10	16	M	1.54½ " "
Jan. 1889	10	2	M	1.25 " "
	10	2	M	1.30 " "
	10	6	M	1.50 " "
	10	5	M	1.75 " "
	10	1	M	1.85 " "
Average	10	16	M	1.54½ " "
July 1889	10	2	M	1.25 " "
	10	2	M	1.30 " "
July 1889—conc'd.	10	6	M	$1.50 per day.
	10	5	M	1.75 " "
	10	1	M	1.85 " "
Average	10	16	M	1.54½ " "
Jan. 1890	10	1	M	1.20 " "
	10	2	M	1.30 " "
	10	6	M	1.50 " "
	10	8	M	1.75 " "
	10	1	M	1.85 " "
Average	10	18	M	1.59 " "
July 1890	10	1	M	1.20 " "
	10	2	M	1.30 " "
	10	6	M	1.50 " "
	10	8	M	1.75 " "
	10	1	M	1.85 " "
Average	10	18	M	1.59 " "
Jan. 1891	10	2	M	1.40 " "
	10	4	M	1.45 " "
	10	3	M	1.75 " "
	10	1	M	1.85 " "
	10	1	M	2.00 " "
Average	10	11	M	1.61 " "
July 1891	10	2	M	1.40 " "
	10	2	M	1.45 " "
	10	3	M	1.75 " "
	10	1	M	1.85 " "
	10	1	M	2.00 " "
Average	10	9	M	1.64½ " "

SEWERS.

July 1870	11	4	F	.90 per day.
Jan. 1871	11	4	F	.90 " "
July 1871	11	4	F	.90 " "
Jan. 1872	11	4	F	.90 " "
July 1872	11	5	F	1.00 " "
Jan. 1873	11	3	F	1.00 " "
July 1873	11	4	F	1.00 " "
Jan. 1874	11	3	F	.85 " "
July 1874	11	3	F	.85 " "
Jan. 1875	10	3	F	.77½ " "
July 1875	10	3	F	.77½ " "
Jan. 1876	10	4	F	.75 " "
July 1876	10	3	F	.75 " "
Jan. 1877	10	2	F	.70 " "
July 1877	10	4	F	.70 " "
Jan. 1878	10	3	F	.70 " "
July 1878	10	3	F	.70 " "
Jan. 1879	10	3	F	.65 " "
July 1879	10	3	F	.65 " "
Jan. 1880	10	3	F	.65 " "
July 1880	10	4	F	.70 " "
Jan. 1881	10	4	F	.70 " "
July 1881	10	3	F	.70 " "
Jan. 1882	10	3	F	.74 " "
July 1882	10	3	F	.74 " "
Jan. 1883	10	3	F	.74 " "
July 1883	10	3	F	.74 per day.
Jan. 1884	10	4	F	.74 " "
July 1884	10	3	F	.74 " "
Jan. 1885	10	4	F	.74 " "
July 1885	10	4	F	.74 " "
Jan. 1886	10	4	F	.74 " "
July 1886	10	4	F	.74 " "
Jan. 1887	10	3	F	.78 " "
July 1887	10	3	F	.78 " "
Jan. 1888	10	3	F	.78 " "
July 1888	10	3	F	.78 " "
Jan. 1889	10	6	F	.78 " "
July 1889	10	5	F	.78 " "
Jan. 1890	10	4	F	.78 " "
July 1890	10	4	F	.78 " "
Jan. 1891	10	4	F	.78 " "
	10	1	F	.90 " "
Average	10	5	F	.80½ " "
July 1891	10	4	F	.78 " "
	10	1	F	.90 " "
Average	10	5	F	.80½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SHEARERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1870	11	3	M	$1.50 per day.
Jan. 1871	11	4	M	1.50 " "
July 1871	11	2	M	1.40 " "
Jan. 1872	11	1	M	1.25 " "
	11	1	M	1.50 " "
Average	11	2	M	1.37½ " "
July 1872	11	2	M	1.25 " "
	11	1	M	1.33 " "
Average	11	3	M	1.27½ " "
Jan. 1873	11	2	F	1.50 " "
July 1873	11	1	F	1.50 " "
Jan. 1874	11	3	M	1.27 " "
July 1874	11	3	M	1.20 " "
Jan. 1875	10	3	M	1.09 " "
July 1875	10	3	M	1.09 " "
Jan. 1876	10	3	F	1.00 " "
	10	1	M	1.09 " "
Average	10	4	.....	1.02½ " "
July 1876	10	2	F	1.00 " "
	10	1	M	1.25 " "
Average	10	3	.....	1.08½ " "
Jan. 1877	10	2	F	.95 " "
July 1877	10	3	F	.95 " "
Jan. 1878	10	3	F	.95 " "
July 1878	10	3	F	.95 " "
Jan. 1879	10	2	F	.80 " "
July 1879	10	2	F	.80 " "
Jan. 1880	10	3	F	.80 " "
	10	1	M	.95 " "
Average	10	4	.....	.83½ " "
July 1880	10	3	F	.85 " "
	10	1	M	1.10 " "
Average	10	4	.....	.91½ " "
Jan. 1881	10	3	F	.85 " "
	10	1	M	1.15 " "
Average	10	4	.....	.92½ " "
July 1881	10	3	F	.85 " "
	10	1	M	1.15 " "
Average	10	4	.....	.92½ " "
Jan. 1882	10	3	F	.90 " "
	10	1	M	1.15 " "
Average	10	4	.....	.96½ " "
July 1882	10	3	F	.90 " "
	10	1	M	1.15 " "
Average	10	4	.....	.96½ " "
Jan. 1883	10	3	F	.90 " "
	10	1	M	1.15 " "
Average	10	4	.....	.96½ " "
July 1883	10	3	F	.90 " "
	10	1	M	1.15 " "
Average	10	4	.....	.96½ " "
Jan. 1884	10	3	F	$0.90 per day.
	10	1	M	1.15 " "
Average	10	4	.....	.96½ " "
July 1884	10	3	F	.90 " "
	10	1	M	1.15 " "
Average	10	4	.....	.96½ " "
Jan. 1885	10	2	F	.85 " "
	10	1	M	1.15 " "
Average	10	3	.....	.95 " "
July 1885	10	2	F	.85 " "
	10	1	M	1.15 " "
Average	10	3	.....	.95 " "
Jan. 1886	10	3	F	.85 " "
	10	1	M	1.15 " "
Average	10	4	.....	.92½ " "
July 1886	10	3	F	.85 " "
	10	1	M	1.15 " "
Average	10	4	.....	.92½ " "
Jan. 1887	10	3	F	.90 " "
	10	1	M	1.20 " "
Average	10	4	.....	.97½ " "
July 1887	10	3	F	.90 " "
	10	1	M	1.20 " "
Average	10	4	.....	.97½ " "
Jan. 1888	10	3	F	.90 " "
	10	2	M	1.20 " "
Average	10	5	.....	1.02 " "
July 1888	10	3	F	.90 " "
	10	2	M	1.20 " "
Average	10	5	.....	1.02 " "
Jan. 1889	10	2	F	.90 " "
	10	2	M	1.20 " "
Average	10	4	.....	1.05 " "
July 1889	10	3	F	.90 " "
	10	2	M	1.20 " "
Average	10	5	.....	1.02 " "
Jan. 1890	10	3	F	.90 " "
	10	2	M	1.20 " "
Average	10	5	.....	1.02 " "
July 1890	10	3	F	.90 " "
	10	2	M	1.20 " "
Average	10	5	.....	1.02 " "
Jan. 1891	10	3	F	.90 " "
	10	2	M	1.20 " "
Average	10	5	.....	1.02 " "
July 1891	10	3	F	.90 " "
	10	2	M	1.20 " "
Average	10	5	.....	1.02 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SLASHER TENDERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1855	13	1	M	$0.80 per day.
July 1858	13	1	M	.83 " "
Jan. 1859	13	1	M	.90 " "
July 1859	13	4	M	1.08 " "
Jan. 1860	13	3	M	1.08 " "
July 1860	13	2	M	.90 " "
	13	2	M	1.08 " "
Average	13	4	M	.99 " "
Jan. 1861	13	2	M	.90 " "
July 1861	13	2	M	.90 " "
Jan. 1862	12	1	M	.91 " "
Jan. 1863	12	2	M	1.05 " "
July 1863	12	2	M	1.05 " "
Jan. 1864	12	1	M	1.00 " "
	12	4	M	1.25 " "
Average	12	5	M	1.20 " "
July 1864	12	1	M	1.25 " "
	12	2	M	1.50 " "
Average	12	3	M	1.41½ " "
Jan. 1865	12	1	M	1.25 " "
	12	1	M	1.50 " "
Average	12	2	M	1.37½ " "
July 1865	12	2	M	1.50 " "
Jan. 1866	12	1	M	1.16 " "
	12	2	M	1.60 " "
	12	3	M	1.75 " "
Average	12	6	M	1.60 " "
July 1866	12	4	M	1.67 " "
Jan. 1867	12	1	M	2.00 " "
	12	2	M	2.16 " "
Average	12	3	M	2.10½ " "
July 1867	12	1	M	2.00 " "
	12	2	M	2.16 " "
Average	12	3	M	2.10½ " "
Jan. 1868	11	3	M	1.90 " "
July 1868	11	2	M	1.72 " "
	11	1	M	1.90 " "
Average	11	3	M	1.78 " "
Jan. 1869	11	2	M	1.72 " "
	11	1	M	1.83 " "
Average	11	3	M	1.75½ " "
July 1869	11	2	M	1.83 " "
	11	2	M	2.00 " "
Average	11	4	M	1.91⅛ " "
Jan. 1870	11	2	M	1.87 " "
	11	4	M	2.00 " "
Average	11	6	M	1.95⅛ " "
July 1870	11	2	M	2.00 " "
Jan. 1871	11	1	M	$1.16 per day.
	11	2	M	2.25 " "
Average	11	3	M	1.88⅓ " "
July 1871	11	1	M	1.25 " "
	11	2	M	2.25 " "
Average	11	3	M	1.91⅔ " "
Jan. 1872	11	1	M	1.25 " "
	11	2	M	2.25 " "
Average	11	3	M	1.91⅔ " "
July 1872	11	1	M	1.25 " "
	11	2	M	2.25 " "
Average	11	3	M	1.91⅔ " "
Jan. 1873	11	1	M	1.25 " "
	11	1	M	2.25 " "
Average	11	2	M	1.75 " "
July 1873	11	2	M	1.25 " "
	11	2	M	2.25 " "
Average	11	4	M	1.75 " "
Jan. 1874	11	3	M	1.25 " "
	11	2	M	1.90 " "
Average	11	5	M	1.51 " "
July 1874	11	2	M	1.25 " "
	11	2	M	1.90 " "
Average	11	4	M	1.57½ " "
Jan. 1875	10	2	M	1.72½ " "
July 1875	10	3	M	1.72½ " "
Jan. 1876	10	1	M	1.60 " "
	10	1	M	1.72½ " "
Average	10	2	M	1.66⅔ " "
July 1876	10	1	M	1.60 " "
	10	1	M	1.72½ " "
Average	10	2	M	1.66⅔ " "
Jan. 1877	10	2	M	1.60 " "
July 1877	10	1	M	1.60 " "
Jan. 1878	10	1	M	1.60 " "
July 1878	10	1	M	1.60 " "
Jan. 1879	10	2	M	1.40 " "
	10	4	M	1.55 " "
Average	10	6	M	1.50 " "
July 1879	10	2	M	1.40 " "
	10	5	M	1.55 " "
Average	10	7	M	1.50½ " "
Jan. 1880	10	4	M	1.40 " "
	10	3	M	1.50 " "
Average	10	7	M	1.44⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SLASHER TENDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880	10	3	M	$1.40 per day.	Jan. 1886	10	4	M	$1.60 per day.
	10	4	M	1.50 " "	July 1886	10	4	M	1.60 " "
Average	10	7	M	1.45½ " "	Jan. 1887	10	1	M	1.60 " "
Jan. 1881	10	3	M	1.00 " "		10	2	M	1.75 " "
	10	3	M	1.50 " "	Average	10	3	M	1.70 " "
Average	10	6	M	1.25 " "	July 1887	10	1	M	1.60 " "
July 1881	10	3	M	1.00 " "		10	2	M	1.75 " "
	10	3	M	1.50 " "	Average	10	3	M	1.70 " "
Average	10	6	M	1.25 " "	Jan. 1888	10	1	M	1.60 " "
Jan. 1882	10	1	M	1.05 " "		10	2	M	1.75 " "
	10	3	M	1.60 " "	Average	10	3	M	1.70 " "
Average	10	4	M	1.46½ " "	July 1888	10	1	M	1.50 " "
July 1882	10	1	M	1.05 " "		10	3	M	1.65 " "
	10	3	M	1.60 " "	Average	10	4	M	1.61½ " "
Average	10	4	M	1.46½ " "	Jan. 1889	10	1	M	1.50 " "
Jan. 1883	10	2	M	1.05 " "		10	3	M	1.65 " "
	10	3	M	1.55 " "	Average	10	4	M	1.61½ " "
Average	10	5	M	1.35 " "	July 1889	10	3	M	1.50 " "
July 1883	10	2	M	1.05 " "		10	2	M	1.65 " "
	10	3	M	1.55 " "	Average	10	5	M	1.56 " "
Average	10	5	M	1.35 " "	Jan. 1890	10	2	M	1.60 " "
Jan. 1884	10	3	M	1.40 " "		10	1	M	1.75 " "
	10	1	M	1.50 " "	Average	10	3	M	1.65 " "
Average	10	4	M	1.42½ " "	July 1890	10	2	M	1.60 " "
July 1884	10	3	M	1.45 " "		10	1	M	1.75 " "
	10	1	M	1.50 " "	Average	10	3	M	1.65 " "
Average	10	4	M	1.46½ " "	Jan. 1891	10	4	M	1.60 " "
Jan. 1885	10	4	M	1.45 " "		10	2	M	1.75 " "
	10	2	M	1.50 " "	Average	10	6	M	1.65 " "
Average	10	6	M	1.46½ " "	July 1891	10	4	M	1.60 " "
July 1885	10	3	M	1.45 " "		10	2	M	1.75 " "
	10	1	M	1.50 " "	Average	10	6	M	1.65 " "
Average	10	4	M	1.46½ " "					

SPEEDERS.

Jan. 1842	13	2	F	.44 per day.	Jan. 1846	13	1	F	.46 per day.
	13	5	F	.50 " "	July 1846	13	1	F	.42 " "
Average	13	7	F	.48½ " "	Jan. 1847	13	2	F	.45 " "
Jan. 1843	13	3	F	.44 " "		13	2	F	.46 " "
July 1843	13	3	F	.44 " "	Average	13	4	F	.45½ " "
	13	7	F	.46 " "	July 1847	13	2	F	.42 " "
	13	2	F	.47 " "		13	2	F	.46 " "
Average	13	12	F	.45½ " "	Average	13	4	F	.44 " "
Jan. 1844	13	3	F	.44 " "	Jan. 1848	13	1	F	.46 " "
	13	7	F	.46 " "		13	3	F	.48 " "
Average	13	10	F	.45½ " "	Average	13	4	F	.47½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPEEDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1848	13	2	F	$0.44 per day.
	13	1	F	.48 " "
Average	13	3	F	.45½ " "
Jan. 1849	13	1	F	.44 " "
July 1849	13	1	F	.44 " "
	13	1	F	.48 " "
Average	13	2	F	.46 " "
Jan. 1850	13	2	F	.46 " "
July 1850	13	1	F	.48 " "
	13	2	F	.50 " "
Average	13	3	F	.49½ " "
Jan. 1851	13	3	F	.48 " "
July 1851	13	1	F	.40 " "
	13	2	F	.50 " "
Average	13	3	F	.46½ " "
Jan. 1852	13	3	F	.45 " "
July 1852	13	3	F	.40 " "
	13	1	F	.45 " "
Average	13	4	F	.41½ " "
Jan. 1853	13	1	F	.48 " "
	13	2	F	.50 " "
	13	2	F	.52 " "
	13	2	F	.56 " "
Average	13	7	F	.52 " "
July 1853	13	2	F	.50 " "
	13	2	F	.56 " "
Average	13	4	F	.53 " "
Jan. 1854	13	2	F	.48 " "
	13	2	F	.52 " "
	13	2	F	.60 " "
Average	13	6	F	.53½ " "
July 1854	13	1	F	.48 " "
	13	2	F	.50 " "
	13	2	F	.56 " "
Average	13	5	F	.52 " "
Jan. 1855	13	4	F	.56 " "
July 1855	13	1	F	.48 " "
	13	4	F	.56 " "
Average	13	5	F	.54½ " "
July 1858	13	5	F	.48 " "
Jan. 1859	13	5	F	.48 " "
July 1859	13	1	F	.48 " "
	13	2	F	.50 " "
	13	2	F	.52 " "
Average	13	5	F	.50½ " "
Jan. 1860	13	4	F	.52 " "
July 1860	13	1	F	$0.52 per day.
	13	3	F	.56 " "
Average	13	4	F	.55 " "
Jan. 1861	13	2	F	.52 " "
	13	2	F	.56 " "
Average	13	4	F	.54 " "
July 1861	13	1	F	.50 " "
	13	2	F	.52 " "
	13	1	F	.56 " "
Average	13	4	F	.52½ " "
Jan. 1862	12	2	F	.52 " "
	12	2	F	.56 " "
Average	12	4	F	.54 " "
July 1862	12	2	F	.50 " "
Jan. 1863	12	1	F	.48 " "
July 1863	12	1	F	.48 " "
Jan. 1864	12	2	F	.55 " "
July 1864	12	3	F	.57 " "
Jan. 1865	12	2	F	.57 " "
July 1865	12	3	F	.60 " "
	12	2	F	.67 " "
Average	12	5	F	.63 " "
Jan. 1866	12	4	F	.83½ " "
July 1866	12	5	F	.83½ " "
Jan. 1867	12	4	F	.83½ " "
July 1867	12	4	F	.83½ " "
Jan. 1868	11	4	F	.83½ " "
July 1868	11	4	F	.83½ " "
Jan. 1869	11	6	F	.83½ " "
July 1869	11	5	F	.83½ " "
Jan. 1870	11	5	F	.83½ " "
July 1870	11	6	F	.91 " "
	11	13	F	1.00 " "
	11	2	F	1.16 " "
Average	11	21	F	.99 " "
Jan. 1871	11	1	F	.91 " "
	11	10	F	1.00 " "
	11	9	F	1.16 " "
Average	11	20	F	1.06½ " "
July 1871	11	1	F	.91 " "
	11	7	F	1.00 " "
	11	11	F	1.16 " "
Average	11	19	F	1.09 " "
Jan. 1872	11	1	F	.91 " "
	11	4	F	1.00 " "
	11	11	F	1.16 " "
Average	11	16	F	1.10½ " "
July 1872	11	1	F	.91 " "
	11	2	F	1.00 " "
	11	12	F	1.16 " "
Average	11	15	F	1.12 " "
Jan. 1873	11	1	F	.91 " "
	11	1	F	1.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPEEDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1873–conc'd.	11	5	F	$1.16 per day.
	11	9	F	1.22 " "
Average	11	16	F	1.17 " "
July 1873	11	2	F	1.00 " "
	11	5	F	1.16 " "
	11	6	F	1.22 " "
Average	11	13	F	1.16½ " "
Jan. 1874	11	2	F	.90 " "
	11	2	F	.91 " "
	11	6	F	1.00 " "
Average	11	10	F	.96 " "
July 1874	11	7	F	1.00 " "
	11	3	F	1.12 " "
Average	11	10	F	1.03½ " "
Jan. 1875	10	3	F	.80 " "
	10	2	F	.85 " "
	10	2	F	.95 " "
	10	3	F	1.00 " "
Average	10	10	F	.90 " "
July 1875	10	2	F	.80 " "
	10	2	F	.85 " "
	10	2	F	.95 " "
	10	9	F	1.00 " "
Average	10	15	F	.94½ " "
Jan. 1876	10	3	F	.74½ " "
	10	2	F	.94½ " "
	10	7	F	.97½ " "
	10	2	F	1.00 " "
	10	1	F	1.04½ " "
Average	10	15	F	.93½ " "
July 1876	10	7	F	.82½ " "
	10	2	F	1.00 " "
Average	10	9	F	.86½ " "
Jan. 1877	10	5	F	.65 " "
	10	2	F	.75 " "
	10	4	F	.82½ " "
	10	1	F	1.00 " "
Average	10	12	F	.75½ " "
July 1877	10	5	F	.65 " "
	10	2	F	.75 " "
	10	4	F	.82½ " "
	10	3	F	1.00 " "
Average	10	14	F	.79 " "
Jan. 1878	10	3	F	.65 " "
	10	1	F	.75 " "
	10	1	F	.80 " "
	10	2	F	.85 " "
	10	4	F	.95 " "
	10	2	F	1.00 " "
Average	10	13	F	.84 " "
July 1878	10	3	F	.65 " "
	10	1	F	.75 " "
	10	3	F	.80 " "
July 1878–conc'd.	10	2	F	$0.85 per day.
	10	3	F	.95 " "
	10	3	F	1.00 " "
Average	10	15	F	.84½ " "
Jan. 1879	10	1	F	.60 " "
	10	2	F	.75 " "
	10	1	F	.80 " "
	10	1	F	.85 " "
	10	4	F	.95 " "
	10	2	F	1.00 " "
Average	10	11	F	.87 " "
July 1879	10	1	F	.60 " "
	10	2	F	.75 " "
	10	1	F	.80 " "
	10	1	F	.85 " "
	10	3	F	.95 " "
	10	1	F	1.00 " "
Average	10	9	F	.84½ " "
Jan. 1880	10	5	F	.70 " "
	10	3	F	.75 " "
	10	2	F	.85 " "
	10	1	F	.95 " "
	10	3	F	1.00 " "
	10	4	F	1.05 " "
Average	10	18	F	.86½ " "
July 1880	10	7	F	.70 " "
	10	3	F	.75 " "
	10	2	F	.85 " "
	10	1	F	.95 " "
	10	3	F	1.00 " "
	10	3	F	1.05 " "
Average	10	19	F	.84 " "
Jan. 1881	10	8	F	.70 " "
	10	3	F	.80 " "
	10	1	F	.95 " "
	10	4	F	1.00 " "
	10	4	F	1.05 " "
Average	10	20	F	.85½ " "
July 1881	10	11	F	.70 " "
	10	2	F	.80 " "
	10	1	F	.95 " "
	10	8	F	1.00 " "
Average	10	22	F	.83 " "
Jan. 1882	10	4	F	.70 " "
	10	6	F	.80 " "
	10	2	F	.85 " "
	10	3	F	1.00 " "
	10	3	F	1.05 " "
	10	4	F	1.10 " "
Average	10	22	F	.90 " "
July 1882	10	3	F	.70 " "
	10	7	F	.80 " "
	10	3	F	.85 " "
	10	2	F	1.00 " "
	10	4	F	1.05 " "
	10	3	F	1.10 " "
Average	10	22	F	.90 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPEEDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883	10	3	F	$0.75 per day.
	10	6	F	.80 " "
	10	3	F	.85 " "
	10	4	F	1.00 " "
	10	6	F	1.05 " "
Average	10	22	F	.90½ " "
July 1883	10	8	F	.75 " "
	10	3	F	.85 " "
	10	3	F	1.00 " "
	10	9	F	1.05 " "
Average	10	23	F	.91½ " "
Jan. 1884	10	6	F	.75 " "
	10	3	F	.80 " "
	10	4	F	1.00 " "
	10	5	F	1.05 " "
Average	10	18	F	.89½ " "
July 1884	10	6	F	.75 " "
	10	4	F	.80 " "
	10	3	F	1.00 " "
	10	7	F	1.05 " "
Average	10	20	F	.90½ " "
Jan. 1885	10	3	F	.70 " "
	10	5	F	.75 " "
	10	3	F	.80 " "
	10	2	F	1.00 " "
	10	7	F	1.05 " "
Average	10	20	F	.88 " "
July 1885	10	4	F	.70 " "
	10	7	F	.80 " "
	10	3	F	1.00 " "
	10	7	F	1.05 " "
Average	10	21	F	.89½ " "
Jan. 1886	10	3	F	.75 " "
	10	3	F	.80 " "
	10	7	F	.85 " "
	10	7	F	1.05 " "
Average	10	20	F	.89½ " "
July 1886	10	3	F	.75 " "
	10	3	F	.80 " "
	10	7	F	.85 " "
	10	8	F	1.05 " "
Average	10	21	F	.90½ " "
Jan. 1887	10	2	F	.68 " "
	10	4	F	.80 " "
	10	4	F	.85 " "
	10	5	F	.88 " "
	10	3	F	.90 " "
	10	8	F	1.05 " "
	10	4	F	1.15 " "
Average	10	30	F	.93½ " "
July 1887	10	2	F	.68 " "
	10	4	F	.80 " "
	10	4	F	.85 " "
July 1887–conc'd.	10	5	F	$0.88 per day.
	10	3	F	.90 " "
	10	9	F	1.05 " "
	10	5	F	1.15 " "
Average	10	32	F	.94½ " "
Jan. 1888	10	3	F	.68 " "
	10	4	F	.80 " "
	10	4	F	.85 " "
	10	5	F	.88 " "
	10	3	F	.90 " "
	10	11	F	1.05 " "
	10	3	F	1.15 " "
Average	10	33	F	.93 " "
July 1888	10	4	F	.90 " "
	10	2	F	1.00 " "
	10	3	F	1.05 " "
	10	1	F	1.10 " "
	10	6	F	1.25 " "
Average	10	16	F	1.08½ " "
Jan. 1889	10	4	F	.90 " "
	10	2	F	1.00 " "
	10	2	F	1.05 " "
	10	2	F	1.10 " "
	10	7	F	1.25 " "
Average	10	17	F	1.09½ " "
July 1889	10	5	F	.90 " "
	10	3	F	1.00 " "
	10	4	F	1.05 " "
	10	1	F	1.10 " "
	10	8	F	1.25 " "
Average	10	21	F	1.08½ " "
Jan. 1890	10	5	F	.90 " "
	10	3	F	1.00 " "
	10	1	F	1.02½ " "
	10	4	F	1.05 " "
	10	7	F	1.25 " "
Average	10	20	F	1.07½ " "
July 1890	10	4	F	.90 " "
	10	3	F	1.00 " "
	10	1	F	1.02½ " "
	10	3	F	1.05 " "
	10	7	F	1.25 " "
Average	10	18	F	1.08½ " "
Jan. 1891	10	5	F	1.00 " "
	10	3	F	1.02½ " "
	10	3	F	1.10 " "
	10	2	F	1.20 " "
	10	6	F	1.25 " "
Average	10	19	F	1.12 " "
July 1891	10	5	F	1.00 " "
	10	3	F	1.02½ " "
	10	3	F	1.10 " "
	10	2	F	1.20 " "
	10	6	F	1.25 " "
Average	10	19	F	1.12 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPINNERS, FRAME.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1842	13	2	F	$0.43 per day.
	13	3	F	.44 " "
	13	2	F	.45 " "
	13	7	F	.46 " "
	13	4	F	.48 " "
Average	13	18	F	.45½ " "
Jan. 1843	13	4	F	.40 " "
	13	3	F	.43 " "
	13	2	F	.44 " "
	13	4	F	.45 " "
	13	10	F	.46 " "
	13	2	F	.48 " "
Average	13	25	F	.44½ " "
July 1843	13	6	F	.43 " "
	13	3	F	.44 " "
	13	3	F	.45 " "
	13	8	F	.46 " "
	13	4	F	.48 " "
Average	13	24	F	.45 " "
Jan. 1844	13	5	F	.35 " "
	13	2	F	.38 " "
	13	6	F	.40 " "
	13	6	F	.45 " "
	13	7	F	.46 " "
	13	2	F	.50 " "
Average	13	28	F	.42½ " "
July 1844	13	3	F	.35 " "
	13	4	F	.37 " "
	13	5	F	.40 " "
	13	5	F	.45 " "
	13	7	F	.46 " "
	13	8	F	.48 " "
	13	1	F	.50 " "
Average	13	33	F	.43½ " "
Jan. 1845	13	6	F	.40 " "
	13	4	F	.42 " "
	13	3	F	.43 " "
	13	3	F	.45 " "
	13	10	F	.46 " "
	13	3	F	.48 " "
Average	13	29	F	.44 " "
July 1845	13	8	F	.42 " "
	13	9	F	.46 " "
	13	2	F	.48 " "
	13	3	F	.50 " "
Average	13	22	F	.45½ " "
Jan. 1846	13	5	F	.37 " "
	13	5	F	.43 " "
	13	4	F	.45 " "
	13	8	F	.46 " "
	13	6	F	.48 " "
Average	13	28	F	.44 " "
July 1846	13	9	F	.40 " "
	13	4	F	.42 " "
	13	4	F	.43 " "
	13	2	F	.44 " "
	13	8	F	.45 " "
	13	11	F	.46 " "
Average	13	38	F	.43½ " "
Jan. 1847	13	5	F	$0.40 per day.
	13	4	F	.44 " "
	13	4	F	.45 " "
	13	5	F	.46 " "
	13	4	F	.48 " "
Average	13	22	F	.44½ " "
July 1847	13	3	F	.40 " "
	13	7	F	.42 " "
	13	3	F	.44 " "
	13	8	F	.45 " "
	13	6	F	.46 " "
Average	13	27	F	.44 " "
Jan. 1848	13	1	F	.35 " "
	13	1	F	.40 " "
	13	8	F	.42 " "
	13	5	F	.44 " "
	13	7	F	.45 " "
	13	3	F	.46 " "
	13	3	F	.50 " "
Average	13	28	F	.44 " "
July 1848	13	2	F	.35 " "
	13	4	F	.40 " "
	13	3	F	.42 " "
	13	4	F	.44 " "
	13	4	F	.45 " "
	13	1	F	.46 " "
	13	4	F	.48 " "
	13	3	F	.50 " "
Average	13	25	F	.44 " "
Jan. 1849	13	1	F	.40 " "
	13	6	F	.42 " "
	13	3	F	.44 " "
	13	7	F	.45 " "
	13	5	F	.46 " "
	13	4	F	.50 " "
Average	13	26	F	.45 " "
July 1849	13	3	F	.40 " "
	13	9	F	.42 " "
	13	5	F	.45 " "
	13	4	F	.46 " "
	13	3	F	.50 " "
Average	13	24	F	.44 " "
Jan. 1850	13	2	F	.37 " "
	13	3	F	.38 " "
	13	2	F	.40 " "
	13	3	F	.42 " "
	13	6	F	.45 " "
	13	6	F	.46 " "
	13	2	F	.50 " "
Average	13	24	F	.43½ " "
July 1850	13	2	F	.30 " "
	13	5	F	.35 " "
	13	7	F	.40 " "
	13	5	F	.42 " "
	13	2	F	.45 " "
	13	1	F	.48 " "
	13	3	F	.50 " "
Average	13	25	F	.40½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPINNERS, FRAME—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1851	13	2	F	$0.30 per day.
	13	7	F	.40 " "
	13	6	F	.42 " "
	13	2	F	.43 " "
	13	4	F	.45 " "
	13	2	F	.50 " "
Average	13	23	F	.41½ " "
July 1851	13	1	F	.35 " "
	13	4	F	.40 " "
	13	5	F	.42 " "
	13	6	F	.45 " "
	13	7	F	.46 " "
	13	6	F	.48 " "
	13	1	F	.50 " "
Average	13	30	F	.44½ " "
Jan. 1852	13	1	F	.30 " "
	13	4	F	.35 " "
	13	4	F	.40 " "
	13	3	F	.42 " "
	13	1	F	.43 " "
	13	2	F	.45 " "
	13	6	F	.46 " "
	13	5	F	.48 " "
	13	1	F	.50 " "
Average	13	27	F	.43 " "
July 1852	13	2	F	.30 " "
	13	8	F	.35 " "
	13	4	F	.40 " "
	13	3	F	.42 " "
	13	4	F	.45 " "
	13	6	F	.46 " "
	13	5	F	.48 " "
Average	13	32	F	.41½ " "
Jan. 1853	13	5	F	.30 " "
	13	3	F	.35 " "
	13	5	F	.37 " "
	13	1	F	.40 " "
	13	2	F	.45 " "
	13	2	F	.46 " "
	13	5	F	.48 " "
	13	4	F	.50 " "
Average	13	27	F	.41 " "
July 1853	13	1	F	.30 " "
	13	4	F	.35 " "
	13	2	F	.40 " "
	13	10	F	.48 " "
	13	1	F	.50 " "
	13	3	F	.56 " "
	13	1	F	.64 " "
Average	13	22	F	.46 " "
Jan. 1854	13	8	F	.40 " "
	13	2	F	.45 " "
	13	3	F	.48 " "
	13	1	F	.50 " "
	13	2	F	.56 " "
	13	2	F	.64 " "
Average	13	18	F	.47 " "
July 1854	13	3	F	.30 " "
	13	3	F	.35 " "
	13	3	F	.40 " "
	13	1	F	.43 " "
	13	2	F	.48 " "
July 1854—conc'd.	13	3	F	$0.50 per day.
	13	1	F	.56 " "
	13	1	F	.64 " "
Average	13	17	F	.42½ " "
Jan. 1855	13	3	F	.30 " "
	13	2	F	.35 " "
	13	7	F	.40 " "
	13	2	F	.45 " "
	13	1	F	.50 " "
	13	3	F	.56 " "
	13	1	F	.64 " "
Average	13	19	F	.42½ " "
July 1855	13	2	F	.30 " "
	13	2	F	.35 " "
	13	5	F	.37 " "
	13	2	F	.40 " "
	13	5	F	.43 " "
	13	5	F	.50 " "
	13	3	F	.56 " "
	13	1	F	.64 " "
Average	13	25	F	.43½ " "
Jan. 1858	13	4	F	.48 " "
	13	3	F	.50 " "
Average	13	7	F	.49 " "
July 1858	13	1	F	.30 " "
	13	1	F	.35 " "
	13	3	F	.37 " "
	13	3	F	.40 " "
	13	1	F	.42 " "
	13	1	F	.43 " "
	13	1	F	.45 " "
	13	5	F	.46 " "
	13	7	F	.48 " "
	13	4	F	.50 " "
	13	3	F	.56 " "
	13	2	F	.64 " "
Average	13	32	F	.46½ " "
Jan. 1859	13	3	F	.36 " "
	13	5	F	.38 " "
	13	3	F	.40 " "
	13	5	F	.46 " "
	13	6	F	.50 " "
	13	2	F	.64 " "
Average	13	24	F	.45 " "
July 1859	13	7	F	.36 " "
	13	3	F	.40 " "
	13	3	F	.45 " "
	13	1	F	.46 " "
	13	6	F	.50 " "
	13	4	F	.56 " "
Average	13	24	F	.45 " "
Jan. 1860	13	2	F	.38 " "
	13	6	F	.40 " "
	13	2	F	.43 " "
	13	5	F	.45 " "
	13	1	F	.48 " "
	13	6	F	.50 " "
	13	4	F	.56 " "
	13	2	F	.64 " "
Average	13	28	F	.47½ " "

TABLE XII.--RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPINNERS, FRAME—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1860	13	2	F	$0.30 per day.
	13	3	F	.38 " "
	13	6	F	.40 " "
	13	3	F	.43 " "
	13	1	F	.48 " "
	13	4	F	.50 " "
	13	1	F	.56 " "
	13	1	F	.64 " "
Average	13	21	F	.43½ " "
Jan. 1861	13	1	F	.30 " "
	13	1	F	.37 " "
	13	3	F	.38 " "
	13	1	F	.40 " "
	13	1	F	.42 " "
	13	3	F	.43 " "
	13	5	F	.45 " "
	13	1	F	.46 " "
	13	1	F	.48 " "
	13	5	F	.50 " "
	13	3	F	.58 " "
	13	1	F	.67 " "
Average	13	26	F	.46 " "
July 1861	13	2	F	.30 " "
	13	1	F	.36 " "
	13	1	F	.38 " "
	13	6	F	.40 " "
	13	3	F	.43 " "
	13	7	F	.45 " "
	13	2	F	.46 " "
	13	3	F	.50 " "
	13	2	F	.58 " "
	13	2	F	.67 " "
Average	13	29	F	.45 " "
Jan. 1862	12	1	F	.30 " "
	12	2	F	.36 " "
	12	1	F	.38 " "
	12	4	F	.43 " "
	12	2	F	.46 " "
	12	12	F	.50 " "
	12	2	F	.52 " "
	12	2	F	.56 " "
	12	4	F	.58 " "
Average	12	30	F	.48½ " "
July 1862	12	6	F	.43 " "
	12	1	F	.45 " "
	12	1	F	.46 " "
	12	9	F	.48 " "
	12	4	F	.50 " "
	12	1	F	.56 " "
	12	3	F	.58 " "
Average	12	25	F	.48½ " "
Jan. 1863	12	6	F	.40 " "
	12	4	F	.43 " "
	12	5	F	.45 " "
	12	4	F	.50 " "
	12	4	F	.56 " "
Average	12	23	F	.46 " "
July 1863	12	6	F	.40 " "
	12	4	F	.43 " "
	12	5	F	.45 " "
	12	4	F	.50 " "
	12	6	F	.56 " "
Average	12	25	F	.47 " "
Jan. 1864	12	8	F	$0.50 per day.
	12	5	F	.54 " "
	12	8	F	.56 " "
	12	3	F	.60 " "
Average	12	24	F	.54 " "
July 1864	12	4	F	.55 " "
	12	10	F	.56 " "
	12	7	F	.58 " "
	12	2	F	.60 " "
	12	2	F	.63 " "
Average	12	25	F	.57½ " "
Jan. 1865	12	3	F	.50 " "
	12	5	F	.55 " "
	12	12	F	.56 " "
	12	7	F	.58 " "
	12	1	F	.60 " "
Average	12	28	F	.56 " "
July 1865	12	1	F	.45 " "
	12	2	F	.50 " "
	12	14	F	.56 " "
	12	1	F	.60 " "
	12	4	F	.64 " "
	12	3	F	.67 " "
	12	4	F	.72 " "
	12	1	F	.74 " "
	12	4	F	.75 " "
Average	12	34	F	.62 " "
Jan. 1866	12	16	F	.83 " "
	12	3	F	.90 " "
	12	5	F	.96 " "
	12	10	F	1.00 " "
Average	12	34	F	.90½ " "
July 1866	12	3	F	.67 " "
	12	12	F	.83 " "
	12	16	F	1.00 " "
Average	12	31	F	.90 " "
Jan. 1867	12	19	F	.83 " "
	12	16	F	1.00 " "
Average	12	35	F	.91 " "
July 1867	12	2	F	.67 " "
	12	11	F	.83 " "
	12	1	F	.87 " "
	12	19	F	1.00 " "
Average	12	33	F	.92 " "
Jan. 1868	11	19	F	.75 " "
	11	9	F	.83 " "
	11	6	F	.93 " "
Average	11	34	F	.80½ " "
July 1868	11	11	F	.75 " "
	11	3	F	.78 " "
	11	14	F	.83 " "
	11	3	F	.92 " "
	11	6	F	.93 " "
	11	2	F	.96 " "
Average	11	39	F	.83½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPINNERS, FRAME—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	11	9	F	$0.75 per day.
	11	4	F	.78 " "
	11	19	F	.83 " "
	11	4	F	.92 " "
	11	8	F	.93 " "
	11	4	F	1.00 " "
Average	11	48	F	.85 " "
July 1869	11	5	F	.67 " "
	11	4	F	.70 " "
	11	5	F	.75 " "
	11	4	F	.83 " "
	11	6	F	.93 " "
	11	1	F	1.25 " "
	11	11	F	1.67 " "
Average	11	36	F	1.06½ " "
Jan. 1870	11	2	F	.67 " "
	11	2	F	.70 " "
	11	6	F	.83 " "
	11	9	F	.93 " "
	11	5	F	.97 " "
	11	5	F	1.00 " "
	11	1	F	1.33 " "
	11	8	F	1.67 " "
Average	11	38	F	1.07 " "
July 1870	11	10	F	.67 " "
	11	3	F	.75 " "
	11	15	F	.83 " "
	11	1	F	1.40 " "
	11	11	F	1.67 " "
Average	11	40	F	1.03 " "
Jan. 1871	11	6	F	.75 " "
	11	16	F	.87 " "
	11	1	F	1.00 " "
	11	9	F	1.50 " "
Average	11	32	F	1.03 " "
July 1871	11	2	F	.67 " "
	11	4	F	.75 " "
	11	3	F	.83 " "
	11	7	F	.96 " "
	11	5	F	1.00 " "
	11	5	F	1.50 " "
	11	4	F	1.67 " "
Average	11	30	F	1.09 " "
Jan. 1872	11	2	F	.67 " "
	11	5	F	.83 " "
	11	3	F	.87 " "
	11	3	F	.90 " "
	11	5	F	.96 " "
	11	6	F	1.00 " "
	11	4	F	1.50 " "
	11	6	F	1.67 " "
Average	11	34	F	1.10½ " "
July 1872	11	2	F	.70 " "
	11	2	F	.75 " "
	11	7	F	.83 " "
	11	4	F	.87 " "
	11	5	F	.91 " "
	11	8	F	1.00 " "
	11	4	F	1.50 " "
Average	11	32	F	.96 " "
Jan. 1873	11	2	F	$0.75 per day.
	11	6	F	.83 " "
	11	18	F	.91 " "
	11	16	F	1.00 " "
Average	11	42	F	.92½ " "
July 1873	11	3	F	.67 " "
	11	8	F	.83 " "
	11	22	F	.91 " "
	11	17	F	1.00 " "
	11	1	F	1.33 " "
Average	11	51	F	.92 " "
Jan. 1874	11	7	F	.75 " "
	11	16	F	.85 " "
	11	5	F	.87 " "
	11	1	F	.91 " "
	11	11	F	1.00 " "
	11	5	F	1.25 " "
	11	3	F	1.50 " "
	11	6	F	1.67 " "
Average	11	54	F	1.03½ " "
July 1874	11	12	F	.75 " "
	11	15	F	.85 " "
	11	8	F	.95 " "
	11	3	F	1.00 " "
	11	1	F	1.25 " "
	11	1	F	1.40 " "
	11	1	F	1.50 " "
Average	11	41	F	.89 " "
Jan. 1875	10	9	F	.50 " "
	10	3	F	.60 " "
	10	5	F	.73½ " "
	10	5	F	.80 " "
	10	3	F	.91 " "
	10	9	F	.94½ " "
	10	2	F	1.00 " "
	10	8	F	1.50 " "
	10	1	F	1.60 " "
Average	10	45	F	.90½ " "
July 1875	10	7	F	.50 " "
	10	4	F	.60 " "
	10	6	F	.73½ " "
	10	4	F	.80 " "
	10	3	F	.91 " "
	10	6	F	.94½ " "
	10	2	F	1.00 " "
	10	7	F	1.50 " "
	10	1	F	1.60 " "
Average	10	40	F	.90 " "
Jan. 1876	10	4	F	.55 " "
	10	5	F	.65 " "
	10	5	F	.70 " "
	10	3	F	.75 " "
	10	1	F	.95 " "
	10	5	F	1.00 " "
	10	2	F	1.25 " "
	10	3	F	1.35 " "
Average	10	28	F	.84½ " "
July 1876	10	3	F	.55 " "
	10	7	F	.65 " "
	10	4	F	.70 " "
	10	3	F	.75 " "
	10	1	F	.95 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPINNERS, FRAME—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1876–conc'd.	10	4	F	$1.00 per day.
	10	2	F	1.25 " "
	10	3	F	1.35 " "
Average	10	27	F	.84½ " "
Jan. 1877	10	2	F	.50 " "
	10	3	F	.65 " "
	10	2	F	.67½ " "
	10	3	F	.70 " "
	10	2	F	.75 " "
	10	1	F	.90 " "
	10	6	F	1.00 " "
	10	2	F	1.15 " "
	10	3	F	1.30 " "
Average	10	24	F	.87½ " "
July 1877	10	5	F	.50 " "
	10	7	F	.65 " "
	10	1	F	.67½ " "
	10	3	F	.75 " "
	10	1	F	.90 " "
	10	8	F	1.00 " "
	10	3	F	1.15 " "
	10	4	F	1.30 " "
Average	10	32	F	.86 " "
Jan. 1878	10	4	F	.50 " "
	10	7	F	.65 " "
	10	3	F	.80 " "
	10	1	F	.87½ " "
	10	1	F	.90 " "
	10	7	F	1.00 " "
	10	2	F	1.15 " "
	10	2	F	1.30 " "
	10	4	F	1.50 " "
Average	10	31	F	.92½ " "
July 1878	10	6	F	.50 " "
	10	7	F	.65 " "
	10	3	F	.80 " "
	10	1	F	.87½ " "
	10	1	F	.90 " "
	10	6	F	1.00 " "
	10	1	F	1.15 " "
	10	3	F	1.30 " "
	10	7	F	1.50 " "
Average	10	35	F	.95 " "
Jan. 1879	10	3	F	.65 " "
	10	4	F	.67 " "
	10	2	F	.85 " "
	10	4	F	.90 " "
	10	3	F	.92 " "
	10	5	F	1.00 " "
	10	3	F	1.25 " "
	10	4	F	1.30 " "
	10	1	F	1.45 " "
	10	2	F	1.50 " "
Average	10	31	F	1.00½ " "
July 1879	10	4	F	.65 " "
	10	5	F	.67 " "
	10	2	F	.85 " "
	10	6	F	.90 " "
	10	2	F	.92 " "
	10	7	F	1.00 " "
	10	4	F	1.25 " "
	10	3	F	1.30 " "
	10	1	F	1.45 " "
	10	3	F	1.50 " "
Average	10	37	F	.99½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1880	10	6	F	$0.55 per day.
	10	4	F	.65 " "
	10	3	F	.85 " "
	10	6	F	.90 " "
	10	2	F	.95 " "
	10	6	F	1.05 " "
	10	8	F	1.25 " "
	10	5	F	1.30 " "
	10	4	F	1.45 " "
Average	10	44	F	1.01 " "
July 1880	10	6	F	.55 " "
	10	4	F	.65 " "
	10	5	F	.85 " "
	10	6	F	.90 " "
	10	2	F	.95 " "
	10	1	F	1.00 " "
	10	6	F	1.05 " "
	10	6	F	1.25 " "
	10	5	F	1.30 " "
	10	3	F	1.45 " "
	10	1	F	1.50 " "
Average	10	45	F	.99 " "
Jan. 1881	10	5	F	.60 " "
	10	5	F	.65 " "
	10	8	F	.90 " "
	10	6	F	.95 " "
	10	1	F	1.00 " "
	10	6	F	1.05 " "
	10	7	F	1.25 " "
	10	4	F	1.30 " "
	10	4	F	1.45 " "
	10	1	F	1.50 " "
Average	10	47	F	1.01½ " "
July 1881	10	7	F	.60 " "
	10	5	F	.65 " "
	10	8	F	.90 " "
	10	6	F	.95 " "
	10	1	F	1.00 " "
	10	5	F	1.05 " "
	10	8	F	1.25 " "
	10	5	F	1.30 " "
	10	5	F	1.45 " "
	10	1	F	1.50 " "
Average	10	51	F	1.01½ " "
Jan. 1882	10	5	F	.65 " "
	10	4	F	.70 " "
	10	3	F	.90 " "
	10	4	F	.95 " "
	10	4	F	1.00 " "
	10	6	F	1.05 " "
	10	6	F	1.30 " "
	10	7	F	1.35 " "
	10	4	F	1.45 " "
	10	1	F	1.55 " "
Average	10	44	F	1.08 " "
July 1882	10	3	F	.65 " "
	10	3	F	.70 " "
	10	4	F	.90 " "
	10	5	F	.95 " "
	10	5	F	1.00 " "
	10	8	F	1.05 " "
	10	4	F	1.30 " "
	10	6	F	1.35 " "
	10	6	F	1.45 " "
	10	1	F	[illegible] " "
Average	10	45	F	1.09½ "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPINNERS, FRAME—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883	10	4	F	$0.60 per day.
	10	4	F	.70 " "
	10	1	F	.90 " "
	10	5	F	.95 " "
	10	9	F	1.00 " "
	10	10	F	1.05 " "
	10	5	F	1.30 " "
	10	2	F	1.35 " "
	10	4	F	1.45 " "
	10	1	F	1.55 " "
Average	10	45	F	1.04 " "
July 1883	10	5	F	.60 " "
	10	5	F	.70 " "
	10	5	F	.90 " "
	10	11	F	.95 " "
	10	12	F	1.00 " "
	10	11	F	1.05 " "
	10	5	F	1.30 " "
	10	2	F	1.35 " "
	10	3	F	1.45 " "
	10	1	F	1.55 " "
Average	10	60	F	1.00 " "
Jan. 1884	10	4	F	.60 " "
	10	3	F	.70 " "
	10	9	F	.95 " "
	10	16	F	1.00 " "
	10	4	F	1.25 " "
	10	6	F	1.30 " "
	10	2	F	1.35 " "
	10	4	F	1.45 " "
Average	10	48	F	1.05 " "
July 1884	10	3	F	.60 " "
	10	2	F	.70 " "
	10	7	F	.95 " "
	10	12	F	1.00 " "
	10	3	F	1.25 " "
	10	7	F	1.30 " "
	10	1	F	1.35 " "
	10	3	F	1.45 " "
Average	10	38	F	1.06½ " "
Jan. 1885	10	5	F	.60 " "
	10	3	F	.70 " "
	10	8	F	.95 " "
	10	12	F	1.00 " "
	10	2	F	1.25 " "
	10	8	F	1.30 " "
	10	3	F	1.35 " "
	10	2	F	1.45 " "
Average	10	43	F	1.03½ " "
July 1885	10	4	F	.60 " "
	10	1	F	.70 " "
	10	10	F	.95 " "
	10	17	F	1.00 " "
	10	5	F	1.25 " "
	10	9	F	1.30 " "
	10	2	F	1.35 " "
	10	3	F	1.45 " "
Average	10	51	F	1.07 " "
Jan. 1886	10	4	F	.60 " "
	10	8	F	.70 " "
	10	6	F	.75 " "
	10	4	F	.80 " "
	10	2	F	.90 " "
Jan. 1886–conc'd.	10	7	F	$0.95 per day.
	10	9	F	1.00 " "
	10	4	F	1.25 " "
	10	6	F	1.30 " "
	10	4	F	1.35 " "
	10	5	F	1.40 " "
	10	5	F	1.55 " "
	10	2	F	1.65 " "
Average	10	66	F	1.05 " "
July 1886	10	4	F	.60 " "
	10	9	F	.70 " "
	10	7	F	.75 " "
	10	5	F	.80 " "
	10	2	F	.90 " "
	10	9	F	.95 " "
	10	9	F	1.00 " "
	10	6	F	1.25 " "
	10	7	F	1.30 " "
	10	7	F	1.35 " "
	10	6	F	1.40 " "
	10	4	F	1.55 " "
	10	2	F	1.65 " "
Average	10	77	F	1.05½ " "
Jan. 1887	10	4	F	.60 " "
	10	6	F	.65 " "
	10	4	F	.75 " "
	10	2	F	.90 " "
	10	6	F	1.00 " "
	10	1	F	1.15 " "
	10	9	F	1.25 " "
	10	4	F	1.30 " "
	10	4	F	1.35 " "
	10	7	F	1.45 " "
	10	7	F	1.55 " "
	10	3	F	1.65 " "
Average	10	57	F	1.16 " "
July 1887	10	4	F	.60 " "
	10	7	F	.65 " "
	10	3	F	.75 " "
	10	2	F	.90 " "
	10	6	F	1.00 " "
	10	1	F	1.15 " "
	10	6	F	1.25 " "
	10	3	F	1.30 " "
	10	3	F	1.35 " "
	10	7	F	1.45 " "
	10	6	F	1.55 " "
	10	5	F	1.65 " "
Average	10	53	F	1.15½ " "
Jan. 1888	10	5	F	.60 " "
	10	5	F	.65 " "
	10	5	F	.75 " "
	10	3	F	.95 " "
	10	7	F	1.00 " "
	10	1	F	1.15 " "
	10	7	F	1.25 " "
	10	5	F	1.30 " "
	10	4	F	1.35 " "
	10	7	F	1.45 " "
	10	6	F	1.55 " "
	10	7	F	1.65 " "
Average	10	62	F	1.17 " "
July 1888	10	2	F	.60 " "
	10	3	F	.65 " "
	10	6	F	.80 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPINNERS, FRAME—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1888–conc'd.	10	6	F	$1.00 per day.	Jan. 1890–conc'd.	10	6	F	$1.35 per day.
	10	4	F	1.05 " "		10	5	F	1.40 " "
	10	1	F	1.15 " "		10	4	F	1.50 " "
	10	2	F	1.25 " "		10	1	F	1.55 " "
	10	6	F	1.30 " "		10	2	F	1.70 " "
	10	10	F	1.35 " "					
	10	5	F	1.40 " "	Average	10	55	F	1.17½ " "
	10	7	F	1.50 " "					
	10	4	F	1.65 " "	July 1890	10	1	F	.60 " "
						10	7	F	.80 " "
Average	10	56	F	1.20 " "		10	5	F	.85 " "
						10	8	F	1.20 " "
Jan. 1889	10	3	F	.60 " "		10	5	F	1.25 " "
	10	4	F	.65 " "		10	5	F	1.30 " "
	10	5	F	.80 " "		10	6	F	1.35 " "
	10	3	F	.85 " "		10	5	F	1.40 " "
	10	5	F	1.00 " "		10	4	F	1.50 " "
	10	4	F	1.05 " "		10	1	F	1.55 " "
	10	1	F	1.15 " "		10	3	F	1.70 " "
	10	8	F	1.25 " "					
	10	9	F	1.35 " "	Average	10	50	F	1.21 " "
	10	9	F	1.40 " "					
	10	7	F	1.50 " "	Jan. 1891	10	2	F	.70 " "
	10	2	F	1.65 " "		10	3	F	.80 " "
						10	4	F	.90 " "
Average	10	60	F	1.16½ " "		10	10	F	1.00 " "
						10	1	F	1.05 " "
July 1889	10	2	F	.60 " "		10	11	F	1.25 " "
	10	2	F	.65 " "		10	6	F	1.35 " "
	10	4	F	.80 " "		10	4	F	1.40 " "
	10	4	F	.85 " "		10	5	F	1.50 " "
	10	6	F	1.00 " "		10	3	F	1.55 " "
	10	6	F	1.05 " "		10	4	F	1.65 " "
	10	1	F	1.15 " "					
	10	7	F	1.25 " "	Average	10	53	F	1.22 " "
	10	7	F	1.35 " "					
	10	4	F	1.40 " "	July 1891	10	4	F	.70 " "
	10	8	F	1.50 " "		10	5	F	.80 " "
	10	3	F	1.65 " "		10	5	F	.90 " "
						10	11	F	1.00 " "
Average	10	54	F	1.17 " "		10	1	F	1.05 " "
						10	11	F	1.25 " "
Jan. 1890	10	2	F	.60 " "		10	6	F	1.35 " "
	10	6	F	.80 " "		10	9	F	1.40 " "
	10	6	F	.85 " "		10	7	F	1.50 " "
	10	4	F	1.00 " "		10	3	F	1.55 " "
	10	8	F	1.20 " "		10	3	F	1.65 " "
	10	6	F	1.25 " "					
	10	5	F	1.30 " "	Average	10	65	F	1.20 " "

SPOOLERS.

Jan. 1863	12	3	F	.37½ per day.	Jan. 1868	11	7	F	.42 per day.
July 1863	12	3	F	.37½ " "		11	6	F	.62 " "
Jan. 1864	12	6	F	.37½ " "					
July 1864	12	6	F	.42 " "	Average	11	13	F	.51 " "
Jan. 1865	12	5	F	.42 " "					
July 1865	12	12	F	.42 " "	July 1868	11	11	F	.48 " "
					Jan. 1869	11	12	F	.67 " "
Jan. 1866	12	6	F	.40 " "					
	12	8	F	.44 " "	July 1869	11	5	F	.48 " "
						11	8	F	.67 " "
Average	12	14	F	.42½ " "		11	3	F	.83 " "
					Average	11	16	F	.64 " "
July 1866	12	8	F	.40 " "					
	12	12	F	.42 " "	Jan. 1870	11	6	F	.83 " "
Average	12	20	F	.41 " "	July 1870	11	9	F	.50 " "
						11	2	F	.67 " "
						11	1	F	.83 " "
Jan. 1867	12	14	F	.42 " "					
July 1867	12	15	F	.45 " "	Average	11	12	F	.55½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPOOLERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1871	11	4	F	$0.50 per day.
	11	8	F	.62 " "
	11	2	F	.75 " "
Average	11	14	F	.60½ " "
July 1871	11	5	F	.50 " "
	11	6	F	.62 " "
	11	2	F	.75 " "
Average	11	13	F	.59½ " "
Jan. 1872	11	2	F	.62 " "
	11	5	F	.83 " "
Average	11	7	F	.77 " "
July 1872	11	3	F	.62 " "
	11	6	F	.83 " "
Average	11	9	F	.76 " "
Jan. 1873	11	2	F	.62 " "
	11	6	F	.83 " "
	11	5	F	.96 " "
Average	11	13	F	.85 " "
July 1873	11	2	F	.67 " "
	11	6	F	.83 " "
	11	5	F	1.00 " "
Average	11	13	F	.87 " "
Jan. 1874	11	4	F	.83 " "
	11	7	F	.91 " "
Average	11	11	F	.88 " "
July 1874	11	4	F	.67 " "
	11	5	F	.83 " "
	11	6	F	.91 " "
Average	11	15	F	.82 " "
Jan. 1875	10	4	F	.66½ " "
	10	9	F	.91 " "
Average	10	13	F	.83½ " "
July 1875	10	4	F	.66½ " "
	10	8	F	.91 " "
Average	10	12	F	.83 " "
Jan. 1876	10	4	F	.62½ " "
	10	4	F	.80 " "
Average	10	8	F	.71½ " "
July 1876	10	4	F	.62½ " "
	10	4	F	.80 " "
Average	10	8	F	.71½ " "
Jan. 1877	10	7	F	.80 " "
July 1877	10	7	F	.80 " "
Jan. 1878	10	2	F	.70 " "
	10	4	F	.90 " "
Average	10	6	F	.83½ " "
July 1878	10	2	F	.80 " "
	10	5	F	.90 " "
Average	10	7	F	.87 " "
Jan. 1879	10	5	F	$0.80 per day.
	10	7	F	.90 " "
Average	10	12	F	.86 " "
July 1879	10	5	F	.80 " "
	10	7	F	.90 " "
Average	10	12	F	.86 " "
Jan. 1880	10	4	F	.90 " "
	10	12	F	1.00 " "
Average	10	16	F	.97½ " "
July 1880	10	4	F	.90 " "
	10	12	F	1.00 " "
Average	10	16	F	.97½ " "
Jan. 1881	10	6	F	.95 " "
	10	8	F	1.00 " "
Average	10	14	F	.98 " "
July 1881	10	6	F	.95 " "
	10	8	F	1.00 " "
Average	10	14	F	.98 " "
Jan. 1882	10	6	F	.80 " "
	10	8	F	.95 " "
	10	6	F	1.05 " "
Average	10	20	F	.93½ " "
July 1882	10	7	F	.80 " "
	10	7	F	.95 " "
	10	6	F	1.05 " "
Average	10	20	F	.92½ " "
Jan. 1883	10	7	F	.75 " "
	10	3	F	.90 " "
	10	13	F	1.05 " "
Average	10	23	F	.94 " "
July 1883	10	9	F	.75 " "
	10	4	F	.90 " "
	10	11	F	1.05 " "
Average	10	24	F	.91½ " "
Jan. 1884	10	5	F	.75 " "
	10	4	F	.90 " "
	10	6	F	.95 " "
	10	14	F	1.00 " "
Average	10	29	F	.93½ " "
July 1884	10	6	F	.75 " "
	10	5	F	.90 " "
	10	5	F	.95 " "
	10	12	F	1.00 " "
Average	10	28	F	.92 " "
Jan. 1885	10	7	F	.75 " "
	10	3	F	.90 " "
	10	7	F	.95 " "
	10	13	F	1.00 " "
Average	10	30	F	.92 " "
July 1885	10	8	F	.75 " "
	10	4	F	.90 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPOOLERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1885–conc'd.	10	8	F	$0.95 per day.
	10	11	F	1.00 " "
Average	10	31	F	.91 " "
Jan. 1886	10	4	F	.75 " "
	10	7	F	.80 " "
	10	8	F	.90 " "
	10	2	F	1.00 " "
Average	10	21	F	.85 " "
July 1886	10	5	F	.75 " "
	10	8	F	.80 " "
	10	7	F	.90 " "
	10	3	F	1.00 " "
Average	10	23	F	.84½ " "
Jan. 1887	10	4	F	.75 " "
	10	6	F	.80 " "
	10	9	F	.90 " "
	10	5	F	1.05 " "
Average	10	24	F	.88 " "
July 1887	10	3	F	.75 " "
	10	7	F	.80 " "
	10	9	F	.90 " "
	10	5	F	1.05 " "
Average	10	24	F	.88½ " "
Jan. 1888	10	5	F	.75 " "
	10	6	F	.80 " "
	10	8	F	.90 " "
	10	5	F	1.05 " "
Average	10	24	F	.87½ " "
July 1888	10	2	F	.75 " "
	10	4	F	.80 " "
	10	4	F	.90 " "
	10	4	F	1.00 " "
	10	2	F	1.20 " "
Average	10	16	F	.92 " "
Jan. 1889	10	3	F	$0.75 per day.
	10	5	F	.80 " "
	10	3	F	.90 " "
	10	4	F	1.00 " "
	10	3	F	1.20 " "
Average	10	18	F	.92 " "
July 1889	10	2	F	.75 " "
	10	3	F	.80 " "
	10	5	F	.90 " "
	10	3	F	1.00 " "
	10	4	F	1.20 " "
Average	10	17	F	.95½ " "
Jan. 1890	10	8	F	.70 " "
	10	5	F	.80 " "
	10	7	F	.95 " "
	10	1	F	1.00 " "
Average	10	21	F	.82 " "
July 1890	10	9	F	.70 " "
	10	8	F	.80 " "
	10	1	F	.95 " "
	10	2	F	1.00 " "
Average	10	20	F	.78½ " "
Jan. 1891	10	8	F	.70 " "
	10	6	F	.80 " "
	10	8	F	.90 " "
	10	7	F	1.00 " "
Average	10	29	F	.85 " "
July 1891	10	9	F	.70 " "
	10	7	F	.80 " "
	10	6	F	.90 " "
	10	8	F	1.00 " "
Average	10	30	F	.84½ " "

STAMPERS.

July 1871	11	2	M	1.25 per day.
Jan. 1872	11	3	M	1.40 " "
July 1872	11	2	M	1.50 " "
Jan. 1873	11	2	M	1.50 " "
July 1873	11	1	M	1.25 " "
	11	2	M	1.50 " "
Average	11	3	M	1.41½ " "
Jan. 1874	11	3	M	1.27 " "
July 1874	11	2	M	1.27 " "
Jan. 1875	10	2	M	1.15½ " "
July 1875	10	2	M	1.15½ " "
Jan. 1876	10	3	M	1.15½ " "
July 1876	10	4	M	1.15½ " "
Jan. 1877	10	2	M	1.00 " "
July 1877	10	2	M	1.00 " "
Jan. 1878	10	3	M	1.00 " "
July 1878	10	2	M	1.00 " "
Jan. 1879	10	2	M	1.00 " "
July 1879	10	2	M	1.00 " "
Jan. 1880	10	2	M	1.00 " "
July 1880	10	2	M	1.10 " "
Jan. 1881	10	1	M	1.05 per day.
	10	1	M	1.10 " "
Average	10	2	M	1.07½ " "
July 1881	10	1	M	1.05 " "
	10	1	M	1.10 " "
Average	10	2	M	1.07½ " "
Jan. 1882	10	1	M	1.05 " "
	10	1	M	1.25 " "
Average	10	2	M	1.15 " "
July 1882	10	1	M	1.20 " "
	10	1	M	1.25 " "
Average	10	2	M	1.22½ " "
Jan. 1883	10	1	M	1.20 " "
	10	1	M	1.25 " "
Average	10	2	M	1.22½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

STAMPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	1	M	$1.20 per day.	Jan. 1888	10	1	M	$1.05 per day.
	10	1	M	1.25 " "		10	1	M	1.27 " "
Average	10	2	M	1.22½ " "	Average	10	2	M	1.16 " "
Jan. 1884	10	1	M	1.20 " "	July 1888	10	1	M	1.05 " "
	10	1	M	1.25 " "		10	1	M	1.27 " "
Average	10	2	M	1.22½ " "	Average	10	2	M	1.16 " "
July 1884	10	2	M	1.20 " "	Jan. 1889	10	1	M	1.05 " "
						10	1	M	1.27 " "
Jan. 1885	10	1	M	1.00 " "	Average	10	2	M	1.16 " "
	10	1	M	1.20 " "					
Average	10	2	M	1.10 " "	July 1889	10	1	M	1.05 " "
						10	1	M	1.27 " "
July 1885	10	1	M	1.00 " "	Average	10	2	M	1.16 " "
	10	1	M	1.20 " "					
Average	10	2	M	1.10 " "	Jan. 1890	10	2	M	1.05 " "
						10	1	M	1.27 " "
Jan. 1886	10	2	M	1.00 " "	Average	10	3	M	1.12½ " "
	10	1	M	1.20 " "					
Average	10	3	M	1.06⅔ " "	July 1890	10	2	M	1.05 " "
						10	1	M	1.27 " "
July 1886	10	2	M	1.00 " "	Average	10	3	M	1.12½ " "
	10	1	M	1.20 " "					
Average	10	3	M	1.06⅔ " "	Jan. 1891	10	1	M	1.05 " "
						10	1	M	1.27 " "
Jan. 1887	10	1	M	1.05 " "	Average	10	2	M	1.16 " "
	10	1	M	1.27 " "					
Average	10	2	M	1.16 " "	July 1891	10	1	M	1.05 " "
						10	1	M	1.27 " "
July 1887	10	1	M	1.05 " "	Average	10	2	M	1.16 " "
	10	1	M	1.27 " "					
Average	10	2	M	1.16 " "					

TINSMITHS.

Jan. 1874	11	1	M	2.62 per day.	Jan. 1883	10	1	M	2.25 per day.
July 1874	11	1	M	2.62 " "	July 1883	10	1	M	2.25 " "
Jan. 1875	10	1	M	2.87½ " "	Jan. 1884	10	1	M	2.25 " "
July 1875	10	1	M	2.87½ " "	July 1884	10	1	M	2.25 " "
Jan. 1876	10	1	M	2.30 " "	Jan. 1885	10	1	M	2.25 " "
July 1876	10	1	M	2.30 " "	July 1885	10	1	M	2.25 " "
Jan. 1877	10	1	M	2.50 " "	Jan. 1886	10	1	M	2.25 " "
July 1877	10	1	M	2.50 " "	July 1886	10	1	M	2.25 " "
Jan. 1878	10	1	M	2.50 " "	Jan. 1887	10	1	M	2.25 " "
July 1878	10	2	M	2.50 " "	July 1887	10	1	M	2.25 " "
Jan. 1879	10	1	M	2.20 " "	Jan. 1888	10	1	M	2.25 " "
July 1879	10	1	M	2.20 " "	July 1888	10	1	M	2.25 " "
Jan. 1880	10	1	M	2.20 " "	Jan. 1889	10	1	M	2.25 " "
July 1880	10	1	M	2.25 " "	July 1889	10	1	M	2.25 " "
Jan. 1881	10	1	M	2.25 " "	Jan. 1890	10	1	M	2.25 " "
July 1881	10	1	M	2.25 " "	July 1890	10	1	M	2.25 " "
Jan. 1882	10	1	M	2.25 " "	Jan. 1891	10	1	M	2.25 " "
July 1882	10	1	M	2.25 " "	July 1891	10	1	M	2.25 " "

TRIMMERS.

July 1870	11	8	F	.90 per day.	Jan. 1873	11	14	F	.90 per day.
Jan. 1871	11	15	F	.90 " "	July 1873	11	12	F	.90 " "
July 1871	11	15	F	.90 " "	Jan. 1874	11	6	F	.81 " "
Jan. 1872	11	16	F	.90 " "	July 1874	11	6	F	.81 " "
July 1872	11	16	F	.90 " "	Jan. 1875	10	6	F	.73½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

TRIMMERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10	6	F	$0.73½ per day.
Jan. 1876	10	7	F	.73½ " "
July 1876	10	3	F	.73½ " "
Jan. 1877	10	3	F	.70 " "
July 1877	10	5	F	.70 " "
Jan. 1878	10	5	F	.70 " "
July 1878	10	5	F	.70 " "
Jan. 1879	10	4	F	.65 " "
July 1879	10	6	F	.65 " "
Jan. 1880	10	6	F	.65 " "
July 1880	10	5	F	.70 " "
Jan. 1881	10	6	F	.70 " "
July 1881	10	5	F	.70 " "
Jan. 1882	10	3	F	.73 " "
July 1882	10	3	F	.73 " "
Jan. 1883	10	3	F	.73 " "
July 1883	10	2	F	.73 " "
Jan. 1884	10	3	F	.73 " "
July 1884	10	5	F	.73 " "
Jan. 1885	10	3	F	.73 " "
July 1885	10	3	F	.73 " "
Jan. 1886	10	5	F	.73 " "
July 1886	10	5	F	.73 " "
Jan. 1887	10	3	F	.75 " "
	10	1	F	.80 " "
Average	10	4	F	.76½ " "
July 1887	10	4	F	.75 " "
	10	1	F	.80 " "
Average	10	5	F	.76 " "
Jan. 1888	10	7	F	.75 " "
	10	1	F	.90 " "
Average	10	8	F	.77 " "
July 1888	10	5	F	$0.75 per day.
	10	1	F	.90 " "
Average	10	6	F	.77½ " "
Jan. 1889	10	9	F	.75 " "
	10	2	F	.85 " "
Average	10	11	F	.77 " "
July 1889	10	8	F	.75 " "
	10	1	F	.85 " "
Average	10	9	F	.76 " "
Jan. 1890	10	7	F	.75 " "
	10	1	F	.90 " "
Average	10	8	F	.77 " "
July 1890	10	7	F	.75 " "
	10	1	F	.90 " "
Average	10	8	F	.77 " "
Jan. 1891	10	8	F	.75 " "
	10	1	F	.90 " "
Average	10	9	F	.76½ " "
July 1891	10	7	F	.75 " "
	10	1	F	.90 " "
Average	10	8	F	.77 " "

WARPERS.

July 1842	13	3	F	.48 per day.
	13	4	F	.53 " "
Average	13	7	F	.51 " "
Jan. 1845	13	1	F	.50 " "
July 1845	13	3	F	.50 " "
Jan. 1846	13	3	F	.50 " "
July 1846	13	3	F	.52 " "
Jan. 1847	13	4	F	.53 " "
July 1847	13	4	F	.52 " "
Jan. 1848	13	1	F	.52 " "
	13	2	F	.60 " "
Average	13	3	F	.57½ " "
July 1848	13	1	F	.53 " "
	13	2	F	.60 " "
Average	13	3	F	.57½ " "
Jan. 1849	13	1	F	.52 " "
	13	2	F	.60 " "
Average	13	3	F	.57½ " "
July 1849	13	1	F	.52 " "
	13	2	F	.60 " "
Average	13	3	F	.57½ " "
Jan. 1850	13	4	F	.58 per day.
	13	1	F	.60 " "
Average	13	5	F	.58½ " "
July 1850	13	3	F	.48 " "
	13	1	F	.55 " "
Average	13	4	F	.49½ " "
Jan. 1851	13	1	F	.48 " "
	13	2	F	.55 " "
Average	13	3	F	.52½ " "
July 1851	13	1	F	.48 " "
	13	1	F	.58 " "
	13	1	F	.60 " "
Average	13	3	F	.55½ " "
Jan. 1852	13	2	F	.42 " "
	13	1	F	.48 " "
	13	1	F	.55 " "
Average	13	4	F	.46½ " "
July 1852	13	3	F	.42 " "
	13	1	F	.48 " "
	13	6	F	.55 " "
	13	1	F	.58 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WARPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1852–cone'd.	13	2	F	$0.60 per day.
	13	1	F	.65 " "
Average	13	14	F	.53½ " "
Jan. 1853	13	3	F	.42 " "
	13	2	F	.48 " "
	13	1	F	.65 " "
Average	13	6	F	.48 " "
July 1853	13	4	F	.42 " "
	13	2	F	.72 " "
Average	13	6	F	.52 " "
Jan. 1854	13	3	F	.42 " "
	13	2	F	.48 " "
	13	1	F	.65 " "
	13	1	F	.72 " "
Average	13	7	F	.51½ " "
July 1854	13	2	F	.48 " "
	13	3	F	.60 " "
	13	2	F	.72 " "
Average	13	7	F	.60 " "
Jan. 1855	13	2	F	.42 " "
	13	1	F	.48 " "
	13	1	F	.60 " "
	13	2	F	.72 " "
Average	13	6	F	.56 " "
July 1855	13	3	F	.55 " "
July 1858	13	4	F	.50 " "
	13	3	F	.55 " "
Average	13	7	F	.52 " "
Jan. 1859	13	1	F	.55 " "
	13	4	F	.58 " "
	13	2	F	.60 " "
Average	13	7	F	.58 " "
July 1859	13	4	F	.50 " "
	13	1	F	.55 " "
	13	1	F	.65 " "
Average	13	6	F	.53⅓ " "
Jan. 1860	13	2	F	.55 " "
	13	3	F	.58 " "
	13	1	F	.72 " "
Average	13	6	F	.59½ " "
July 1860	13	3	F	.65 " "
	13	3	F	.72 " "
Average	13	6	F	.68½ " "
Jan. 1861	13	1	F	.42 " "
	13	3	F	.65 " "
	13	3	F	.72 " "
Average	13	7	F	.64½ " "
July 1861	13	3	F	.58 " "
	13	2	F	.65 " "
	13	1	F	.72 " "
Average	13	6	F	.62⅓ " "
Jan. 1862	12	5	F	$0.40 per day.
	12	2	F	.65 " "
Average	12	7	F	.47 " "
July 1862	12	1	F	.40 " "
	12	2	F	.50 " "
	12	2	F	.55 " "
Average	12	5	F	.50 " "
Jan. 1863	12	1	F	.40 " "
July 1863	12	1	F	.40 " "
Jan. 1864	12	2	F	.56 " "
July 1864	12	1	F	.65 " "
Jan. 1865	12	1	F	.58 " "
July 1865	12	1	F	.58 " "
	12	1	F	1.10 " "
Average	12	2	F	.84 " "
Jan. 1866	12	1	F	.65 " "
	12	2	F	.76 " "
	12	1	F	.96 " "
Average	12	4	F	.78½ " "
July 1866	12	1	F	.96 " "
Jan. 1867	12	2	F	1.00 " "
July 1867	12	2	F	1.12 " "
Jan. 1868	11	2	F	1.12 " "
July 1868	11	3	F	1.12 " "
Jan. 1869	11	1	F	.70 " "
	11	1	F	1.12 " "
Average	11	2	F	.91 " "
July 1869	11	3	F	1.12 " "
				" "
Jan. 1870	11	1	F	.83
	11	1	F	1.00 " "
Average	11	2	F	.91½ " "
July 1870	11	2	F	.83 " "
Jan. 1871	11	1	F	1.00 " "
	11	2	F	1.12 " "
Average	11	3	F	1.08 " "
July 1871	11	2	F	1.12 " "
Jan. 1872	11	2	F	1.12 " "
July 1872	11	2	F	1.12 " "
Jan. 1873	11	1	F	.83 " "
	11	2	F	1.00 " "
	11	3	F	1.12 " "
Average	11	6	F	1.03 " "
July 1873	11	1	F	.91 " "
	11	3	F	1.16 " "
Average	11	4	F	1.09½ " "
Jan. 1874	11	4	F	.85 " "
	11	1	F	1.00 " "
Average	11	5	F	.88 " "
July 1874	11	4	F	.85 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WARPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1875	10	5	F	$0.84½ per day.
	10	1	F	1.00 " "
Average	10	6	F	.87 " "
July 1875	10	6	F	.84½ " "
	10	1	F	1.00 " "
Average	10	7	F	.86½ " "
Jan. 1876	10	2	F	.87½ " "
July 1876	10	2	F	.87½ " "
Jan. 1877	10	2	F	.85 " "
July 1877	10	2	F	.85 " "
Jan. 1878	10	2	F	.85 " "
July 1878	10	2	F	.85 " "
Jan. 1879	10	3	F	.75 " "
	10	1	F	.92½ " "
Average	10	4	F	.79½ " "
July 1879	10	3	F	.75 " "
	10	1	F	.92½ " "
Average	10	4	F	.79½ " "
Jan. 1880	10	2	F	.80 " "
	10	2	F	.95 " "
Average	10	4	F	.87½ " "
July 1880	10	2	F	.80 " "
	10	2	F	.95 " "
Average	10	4	F	.87½ " "
Jan. 1881	10	1	F	.80 " "
	10	3	F	.95 " "
Average	10	4	F	.91½ " "
July 1881	10	1	F	.80 " "
	10	3	F	.95 " "
Average	10	4	F	.91½ " "
Jan. 1882	10	1	F	.85 " "
	10	4	F	.95 " "
Average	10	5	F	.93 " "
July 1882	10	1	F	.85 " "
	10	4	F	.95 " "
Average	10	5	F	.93 " "
Jan. 1883	10	3	F	.85 " "
	10	3	F	.95 " "
Average	10	6	F	.90 " "
July 1883	10	3	F	.85 " "
	10	3	F	.95 " "
Average	10	6	F	.90 " "
Jan. 1884	10	2	F	.80 " "
	10	1	F	.90 " "
Average	10	3	F	.83⅓ " "
July 1884	10	2	F	$0.80 per day.
	10	2	F	.90 " "
Average	10	4	F	.85 " "
Jan. 1885	10	3	F	.80 " "
	10	1	F	.90 " "
Average	10	4	F	.82½ " "
July 1885	10	2	F	.80 " "
	10	2	F	.90 " "
Average	10	4	F	.85 " "
Jan. 1886	10	3	F	.80 " "
	10	2	F	.95 " "
Average	10	5	F	.86 " "
July 1886	10	2	F	.80 " "
	10	3	F	.95 " "
Average	10	5	F	.89 " "
Jan. 1887	10	3	F	.80 " "
	10	2	F	.95 " "
Average	10	5	F	.86 " "
July 1887	10	3	F	.80 " "
	10	2	F	.95 " "
Average	10	5	F	.86 " "
Jan. 1888	10	3	F	.80 " "
	10	2	F	.95 " "
Average	10	5	F	.86 " "
July 1888	10	4	F	.90 " "
	10	2	F	1.00 " "
Average	10	6	F	.93½ " "
Jan. 1889	10	4	F	.90 " "
	10	2	F	1.00 " "
Average	10	6	F	.93½ " "
July 1889	10	4	F	.90 " "
	10	2	F	1.00 " "
Average	10	6	F	.93½ " "
Jan. 1890	10	2	F	1.00 " "
	10	4	F	1.10 " "
Average	10	6	F	1.06½ " "
July 1890	10	3	F	1.00 " "
	10	3	F	1.10 " "
Average	10	6	F	1.05 " "
Jan. 1891	10	6	F	1.00 " "
	10	5	F	1.10 " "
Average	10	11	F	1.04½ " "
July 1891	10	6	F	1.00 " "
	10	5	F	1.10 " "
Average	10	11	F	1.04½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WATCHMEN.

Payroll of—	Hours per day	Different employés.	Sex.	Rate of wages.
July 1842	12	2	M	$0.83½ per day.
	12	3	M	.92 " "
	12	1	M	1.17 " "
Average	12	6	M	.93½ " "
Jan. 1843	12	4	M	.83½ " "
	12	1	M	1.16 " "
Average	12	5	M	.90 " "
July 1843	12	2	M	.75 " "
	12	3	M	.83½ " "
	12	1	M	.95 " "
	12	1	M	1.25 " "
Average	12	7	M	.88½ " "
Jan. 1844	12	5	M	.83½ " "
	12	1	M	1.25 " "
Average	12	6	M	.90½ " "
July 1844	12	5	M	.83½ " "
	12	1	M	1.50 " "
Average	12	6	M	.94½ " "
Jan. 1845	12	6	M	.83½ " "
	12	1	M	1.50 " "
Average	12	7	M	.93 " "
July 1845	12	1	M	.83 " "
	12	4	M	.83½ " "
	12	1	M	1.75 " "
Average	12	6	M	.98½ " "
Jan. 1846	12	1	M	.83½ " "
	12	1	M	.91 " "
	12	3	M	1.16 " "
	12	1	M	1.75 " "
Average	12	6	M	1.16½ " "
July 1846	12	3	M	83 " "
	12	2	M	.83½ " "
	12	1	M	.91 " "
	12	1	M	1.16 " "
	12	1	M	1.75 " "
Average	12	8	M	.99½ " "
Jan. 1847	12	3	M	.83 " "
	12	2	M	.83½ " "
	12	1	M	.91 " "
	12	1	M	1.16 " "
	12	1	M	1.75 " "
Average	12	8	M	.99½ " "
July 1847	12	6	M	.83½ " "
Jan. 1848	12	6	M	.83½ " "
July 1848	12	5	M	.83½ " "
Jan. 1849	12	4	M	.83½ " "
July 1849	12	5	M	.83½ " "
	12	1	M	1.00 " "
Average	12	6	M	.86½ " "
Jan. 1850	12	5	M	.83½ " "
July 1850	12	1	M	.83 " "
	12	6	M	.83½ " "
Average	12	7	M	.83½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1851	12	5	M	$0.83½ per day.
July 1851	12	5	M	.83½ " "
Jan. 1852	12	5	M	.83½ " "
July 1852	12	5	M	.83 " "
Jan. 1853	12	2	M	.75 " "
	12	4	M	.83 " "
Average	12	6	M	.80½ " "
July 1858	12	14	M	.83 " "
Jan. 1859	12	15	M	.83 " "
July 1859	12	15	M	.83 " "
Jan. 1860	12	14	M	.86 " "
July 1860	12	14	M	.86 " "
Jan. 1861	12	14	M	.86 " "
July 1861	12	14	M	.86 " "
Jan. 1862	12	14	M	.86 " "
July 1862	12	13	M	.86 " "
Jan. 1863	12	13	M	.86 " "
July 1863	12	13	M	.86 " "
Jan. 1864	12	15	M	1.00 " "
July 1864	12	14	M	1.25 " "
Jan. 1865	12	15	M	1.25 " "
July 1865	12	14	M	1.25 " "
Jan. 1866	12	16	M	1.50 " "
July 1866	12	15	M	1.50 " "
Jan. 1867	12	15	M	1.50 " "
July 1867	12	15	M	1.50 " "
Jan. 1868	12	20	M	1.50 " "
July 1868	12	15	M	1.50 " "
Jan. 1869	12	18	M	1.50 " "
July 1869	12	15	M	1.50 " "
Jan. 1870	12	18	M	1.50 " "
July 1870	12	15	M	1.50 " "
Jan. 1871	12	15	M	1.50 " "
July 1871	12	15	M	1.50 " "
Jan. 1872	12	15	M	1.50 " "
July 1872	12	16	M	1.50 " "
Jan. 1873	12	15	M	1.50 " "
July 1873	12	14	M	1.50 " "
Jan. 1874	12	14	M	1.50 " "
July 1874	12	14	M	1.50 " "
Jan. 1875	12	15	M	1.50 " "
July 1875	12	15	M	1.50 " "
Jan. 1876	12	14	M	1.44 " "
July 1876	12	11	M	1.40 " "
Jan. 1877	12	12	M	1.30 " "
July 1877	12	12	M	1.30 " "
Jan. 1878	12	5	M	1.30 " "
	12	6	M	1.38 " "
Average	12	11	M	1.34½ " "
July 1878	12	5	M	1.30 " "
	12	5	M	1.38 " "
Average	12	10	M	1.34 " "
Jan. 1879	12	2	M	1.20 " "
	12	7	M	1.25 " "
Average	12	9	M	1.24 " "
July 1879	12	5	M	1.20 " "
	12	6	M	1.25 " "
Average	12	11	M	1.22½ " "
Jan. 1880	12	3	M	1.20 " "
	12	5	M	1.25 " "
Average	12	8	M	1.23 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WATCHMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880	12	4	M	$1.20 per day.	July 1886	12	5	M	$1.26 per day.
	12	5	M	1.30 " "		12	1	M	1.32 " "
Average	12	9	M	1.25½ " "	Average	12	6	M	1.27 " "
Jan. 1881	12	5	M	1.20 " "	Jan. 1887	12	4	M	1.28½ " "
	12	4	M	1.30 " "	July 1887	12	6	M	1.28½ " "
Average	12	9	M	1.24½ " "	Jan. 1888	12	3	M	1.20 " "
July 1881	12	4	M	1.20 " "		12	5	M	1.28½ " "
	12	5	M	1.30 " "	Average	12	8	M	1.25½ " "
Average	12	9	M	1.25½ " "	July 1888	12	3	M	1.20 " "
Jan. 1882	12	5	M	1.32 " "		12	5	M	1.28½ " "
	12	4	M	1.38 " "	Average	12	8	M	1.25½ " "
Average	12	9	M	1.34½ " "	Jan. 1889	12	4	M	1.28½ " "
July 1882	12	5	M	1.32 " "		12	1	M	1.56 " "
	12	4	M	1.38 " "	Average	12	5	M	1.34 " "
Average	12	9	M	1.34½ " "	July 1889	12	4	M	1.28½ " "
Jan. 1883	12	5	M	1.32 " "		12	1	M	1.56 " "
	12	4	M	1.38 " "	Average	12	5	M	1.34 " "
Average	12	9	M	1.34½ " "	Jan. 1890	12	3	M	1.20 " "
July 1883	12	5	M	1.32 " "		12	4	M	1.28½ " "
	12	4	M	1.38 " "		12	1	M	1.57 " "
Average	12	9	M	1.34½ " "	Average	12	8	M	1.29 " "
Jan. 1884	12	5	M	1.32 " "	July 1890	12	3	M	1.20 " "
	12	3	M	1.38 " "		12	4	M	1.28½ " "
Average	12	8	M	1.34½ " "		12	1	M	1.57 " "
July 1884	12	3	M	1.32 " "	Average	12	8	M	1.29 " "
	12	5	M	1.38 " "	Jan. 1891	12	3	M	1.20 " "
Average	12	8	M	1.35½ " "		12	4	M	1.28½ " "
Jan. 1885	12	5	M	1.26 " "		12	1	M	1.56 " "
July 1885	12	5	M	1.26 " "	Average	12	8	M	1.28½ " "
Jan. 1886	12	4	M	1.26 " "	July 1891	12	3	M	1.20 " "
	12	2	M	1.32 " "		12	4	M	1.28½ " "
						12	1	M	1.56 " "
Average	12	6	M	1.28 " "	Average	12	8	M	1.28½ " "

WEAVERS.

July 1842	13	3	F	.33 per day.	Jan. 1843–conc'd.	13	6	F	.83 per day.
	13	6	F	.37½ " "		13	4	F	.90 " "
	13	2	F	.38 " "	Average	13	37	F	.52 " "
	13	1	F	.48 " "					
	13	3	F	.50 " "					
	13	5	F	.55 " "					
	13	9	F	.60 " "	July 1843	13	5	F	.30 " "
	13	1	F	.62 " "		13	3	F	.35 " "
	13	4	F	.83 " "		13	5	F	.37½ " "
	13	5	F	.90 " "		13	9	F	.46 " "
	13	2	F	1.25 " "		13	8	F	.83 " "
						13	3	F	1.00 " "
Average	13	41	F	.61 " "		13	4	F	1.16 " "
						13	1	F	1.25 " "
Jan. 1843	13	4	F	.30 " "					
	13	4	F	.35 " "	Average	13	38	F	.63½ " "
	13	8	F	.37½ " "					
	13	4	F	.40 " "					
	13	3	F	.48 " "	Jan. 1844	13	4	F	.30 " "
	13	4	F	.50 " "		13	4	F	.35 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WEAVERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1844–conc'd.	13	6	F	$0.37½ per day.
	13	7	F	.46 " "
Average	13	21	F	.38½ " "
July 1844	13	3	F	.30 " "
	13	7	F	.35 " "
	13	7	F	.37½ " "
	13	9	F	.46 " "
Average	13	26	F	.39 " "
Jan. 1845	13	4	F	.37½ " "
	13	12	F	.46 " "
	13	2	F	.50 " "
Average	13	18	F	.44½ " "
July 1845	13	2	F	.37½ " "
	13	8	F	.40 " "
	13	5	F	.46 " "
	13	4	F	.50 " "
Average	13	19	F	.43½ " "
Jan. 1846	13	6	F	.37½ " "
	13	11	F	.40 " "
	13	3	F	.44 " "
	13	1	F	.46 " "
Average	13	21	F	.40 " "
July 1846	13	6	F	.37½ " "
	13	5	F	.40 " "
	13	3	F	.42 " "
	13	1	F	.46 " "
	13	2	F	.50 " "
Average	13	17	F	.41 " "
Jan. 1847	13	4	F	.37½ " "
	13	7	F	.40 " "
	13	1	F	.46 " "
	13	1	F	.50 " "
	13	1	F	.71 " "
Average	13	14	F	.42½ " "
July 1847	13	3	F	.37½ " "
	13	5	F	.40 " "
	13	4	F	.42 " "
	13	4	F	.44 " "
	13	3	F	.48 " "
	13	1	F	.71 " "
Average	13	20	F	.43½ " "
Jan. 1848	13	3	F	.35 " "
	13	3	F	.37½ " "
	13	5	F	.42 " "
	13	7	F	.44 " "
	13	3	F	.48 " "
	13	2	F	.71 " "
Average	13	23	F	.44½ " "
July 1848	13	2	F	.35 " "
	13	7	F	.37½ " "
	13	2	F	.40 " "
	13	8	F	.42 " "
	13	8	F	.46 " "
	13	5	F	.48 " "
	13	2	F	.71 " "
Average	13	34	F	.44 " "
Jan. 1849	13	12	F	$0.37½ per day.
	13	2	F	.40 " "
	13	7	F	.42 " "
	13	2	F	.44 " "
	13	2	F	.71 " "
Average	13	25	F	.42 " "
July 1849	13	6	F	.37½ " "
	13	3	F	.40 " "
	13	5	F	.42 " "
	13	2	F	.44 " "
	13	9	F	.48 " "
	13	3	F	.71 " "
Average	13	28	F	.46 " "
Jan. 1850	13	12	F	.37½ " "
	13	5	F	.40 " "
	13	2	F	.42 " "
	13	4	F	.44 " "
	13	3	F	.71 " "
Average	13	26	F	.43 " "
July 1850	13	3	F	.37½ " "
	13	3	F	.40 " "
	13	3	F	.42 " "
	13	6	F	.44 " "
	13	5	F	.48 " "
	13	1	F	.71 " "
Average	13	21	F	.44½ " "
Jan. 1851	13	2	F	.37½ " "
	13	2	F	.42 " "
	13	3	F	.44 " "
	13	7	F	.48 " "
	13	7	F	.50 " "
Average	13	21	F	.46½ " "
July 1851	13	4	F	.30 " "
	13	4	F	.37½ " "
	13	1	F	.44 " "
	13	1	F	.48 " "
Average	13	10	F	.36 " "
Jan. 1852	13	1	F	.30 " "
	13	5	F	.35 " "
	13	7	F	.37½ " "
	13	3	F	.40 " "
	13	4	F	.42 " "
	13	3	F	.46 " "
	13	1	F	.50 " "
	13	1	F	.67 " "
Average	13	25	F	.40½ " "
July 1852	13	2	F	.30 " "
	13	4	F	.35 " "
	13	5	F	.37½ " "
	13	7	F	.40 " "
	13	2	F	.42 " "
	13	2	F	.46 " "
	13	2	F	.48 " "
	13	1	F	.50 " "
	13	1	F	.67 " "
Average	13	26	F	.40½ " "
Jan. 1853	13	1	F	.30 " "
	13	3	F	.35 " "
	13	4	F	.37½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WEAVERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1853–conc'd.	13	3	F	$0.40 per day.
	13	3	F	.46 " "
	13	2	F	.60 " "
	13	4	F	.67 " "
Average	13	20	F	.46 " "
July 1853	13	1	F	.35 " "
	13	6	F	.40 " "
	13	2	F	.46 " "
	13	6	F	.48 " "
	13	10	F	.50 " "
	13	3	F	.60 " "
	13	1	F	.67 " "
	13	1	F	.75 " "
Average	13	30	F	.49 " "
Jan. 1854	13	1	F	.30 " "
	13	3	F	.35 " "
	13	6	F	.37½ " "
	13	2	F	.40 " "
	13	4	F	.42 " "
	13	3	F	.48 " "
	13	2	F	.60 " "
	13	5	F	.67 " "
Average	13	26	F	.46½ " "
July 1854	13	1	F	.35 " "
	13	1	F	.37½ " "
	13	1	F	.40 " "
	13	4	F	.42 " "
	13	2	F	.46 " "
	13	1	F	.48 " "
	13	7	F	.50 " "
	13	2	F	.60 " "
	13	2	F	.67 " "
	13	1	F	.75 " "
Average	13	22	F	.50 " "
Jan. 1855	13	2	F	.30 " "
	13	3	F	.37½ " "
	13	6	F	.40 " "
	13	2	F	.42 " "
	13	3	F	.46 " "
	13	2	F	.48 " "
	13	4	F	.50 " "
	13	4	F	.60 " "
	13	1	F	.75 " "
Average	13	27	F	.46 " "
Jan. 1858	13	4	F	.50 " "
	13	5	F	.60 " "
	13	4	F	.67 " "
	13	2	F	.75 " "
Average	13	15	F	.61 " "
July 1858	13	1	F	.30 " "
	13	2	F	.37½ " "
	13	4	F	.40 " "
	13	5	F	.42 " "
	13	2	F	.48 " "
	13	5	F	.50 " "
	13	4	F	.60 " "
	13	4	F	.67 " "
	13	1	F	.75 " "
Average	13	28	F	.50 " "
Jan. 1859	13	7	F	.30 " "
	13	1	F	.40 " "
	13	1	F	.42 " "
Jan. 1859–conc'd.	13	2	F	$0.50 per day.
	13	7	F	.60 " "
	13	7	F	.67 " "
Average	13	25	F	.51 " "
July 1859	13	1	F	.35 " "
	13	1	F	.40 " "
	13	5	F	.42 " "
	13	4	F	.50 " "
	13	8	F	.60 " "
	13	6	F	.67 " "
Average	13	25	F	.54½ " "
Jan. 1860	13	2	F	.30 " "
	13	1	F	.35 " "
	13	3	F	.40 " "
	13	6	F	.42 " "
	13	4	F	.50 " "
	13	2	F	.67 " "
	13	1	F	.75 " "
Average	13	19	F	.46 " "
July 1860	13	1	F	.35 " "
	13	1	F	.37½ " "
	13	8	F	.42 " "
	13	2	F	.50 " "
	13	3	F	.67 " "
Average	13	15	F	.47½ " "
Jan. 1861	13	1	F	.30 " "
	13	2	F	.37½ " "
	13	7	F	.42 " "
	13	1	F	.48 " "
	13	5	F	.50 " "
	13	5	F	.60 " "
	13	4	F	.67 " "
Average	13	25	F	.50½ " "
July 1861	13	1	F	.30 " "
	13	2	F	.35 " "
	13	1	F	.37½ " "
	13	5	F	.42 " "
	13	2	F	.48 " "
	13	2	F	.50 " "
	13	2	F	.67 " "
	13	1	F	.75 " "
Average	13	16	F	.47 " "
Jan. 1862	12	1	F	.30 " "
	12	2	F	.37½ " "
	12	4	F	.42 " "
	12	1	F	.48 " "
	12	4	F	.50 " "
	12	5	F	.67 " "
	12	1	F	.75 " "
Average	12	18	F	.51½ " "
July 1862	12	2	F	.30 " "
	12	1	F	.35 " "
	12	2	F	.37½ " "
	12	5	F	.42 " "
	12	1	F	.48 " "
	12	4	F	.50 " "
	12	4	F	.67 " "
Average	12	19	F	.47 " "
Jan. 1863	12	3	F	.45 " "
	12	10	F	.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WEAVERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1863–conc'd.	12	6	F	$0.60 per day.
	12	2	F	.67 " "
Average	12	21	F	.54 " "
July 1863	12	3	F	.45 " "
	12	10	F	.50 " "
	12	7	F	.60 " "
	12	3	F	.67 " "
Average	12	23	F	.54½ " "
Jan. 1864	12	3	F	.45 " "
	12	5	F	.50 " "
	12	5	F	.60 " "
	12	1	F	.67 " "
	12	4	F	.70 " "
	12	2	F	.75 " "
Average	12	20	F	.59 " "
July 1864	12	2	F	.50 " "
	12	7	F	.67 " "
	12	4	F	.70 " "
	12	6	F	.72 " "
	12	3	F	.75 " "
Average	12	22	F	.68½ " "
Jan. 1865	12	2	F	.50 " "
	12	8	F	.60 " "
	12	8	F	.67 " "
	12	6	F	.72 " "
Average	12	24	F	.64½ " "
July 1865	12	5	F	.40 " "
	12	9	F	.60 " "
	12	6	F	.67 " "
	12	4	F	.72 " "
	12	1	F	.87 " "
Average	12	25	F	.60½ " "
Jan. 1866	12	6	F	.70 " "
	12	8	F	.83 " "
	12	4	F	.88 " "
	12	5	F	1.00 " "
	12	1	F	1.12 " "
Average	12	24	F	.85½ " "
July 1866	12	10	F	.83 " "
	12	5	F	.92 " "
	12	6	F	1.00 " "
	12	1	F	1.12 " "
Average	12	22	F	.91 " "
Jan. 1867	12	4	F	.50 " "
	12	3	F	.75 " "
	12	2	F	.83 " "
	12	8	F	.92 " "
	12	5	F	1.00 " "
	12	1	F	1.12 " "
	12	2	F	1.16 " "
Average	12	25	F	.87 " "
July 1867	12	3	F	.50 " "
	12	5	F	.75 " "
	12	1	F	.83 " "
	12	6	F	.92 " "
	12	6	F	1.00 " "
July 1867–conc'd.	12	2	F	$1.12 per day.
	12	3	F	1.25 " "
Average	12	26	F	.90½ " "
Jan. 1868	11	2	F	.50 " "
	11	4	F	.75 " "
	11	2	F	.83 " "
	11	5	F	.92 " "
	11	7	F	1.00 " "
	11	2	F	1.12 " "
	11	3	F	1.25 " "
Average	11	25	F	.93 " "
July 1868	11	3	F	.50 " "
	11	9	F	.75 " "
	11	3	F	.83 " "
	11	5	F	.92 " "
	11	6	F	1.00 " "
	11	4	F	1.25 " "
Average	11	30	F	.88 " "
Jan. 1869	11	6	F	.62½ " "
	11	4	F	.75 " "
	11	9	F	.83 " "
	11	3	F	.92 " "
	11	4	F	1.00 " "
Average	11	26	F	.80½ " "
July 1869	11	5	F	.83 " "
	11	2	F	.92 " "
	11	5	F	1.00 " "
	11	5	F	1.16 " "
	11	10	F	1.25 " "
	11	5	F	1.33 " "
	11	5	F	1.40 " "
	11	2	F	1.50 " "
Average	11	39	F	1.18 " "
Jan. 1870	11	7	F	.62½ " "
	11	6	F	.75 " "
	11	7	F	.83 " "
	11	7	F	1.00 " "
	11	5	F	1.16 " "
	11	12	F	1.33 " "
Average	11	44	F	.98⅓ " "
July 1870	11	6	F	.42 " "
	11	5	F	.62½ " "
	11	4	F	.75 " "
	11	13	F	1.00 " "
	11	2	F	1.25 " "
	11	7	F	1.33 " "
Average	11	37	F	.90½ " "
Jan. 1871	11	5	F	.50 " "
	11	6	F	.75 " "
	11	8	F	.92 " "
	11	14	F	1.00 " "
	11	24	F	1.16 " "
	11	10	F	1.25 " "
	11	8	F	1.33 " "
	11	6	F	1.50 " "
Average	11	81	F	1.09 " "
July 1871	11	2	F	.50 " "
	11	7	F	.75 " "
	11	5	F	.83 " "
	11	3	F	.92 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WEAVERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1871–conc'd.	11	4	F	$1.00 per day.
	11	10	F	1.16 " "
	11	28	F	1.25 " "
	11	21	F	1.33 " "
	11	8	F	1.50 " "
	11	4	F	1.67 " "
Average	11	92	F	1.20 " "
Jan. 1872	11	1	F	.50 " "
	11	4	F	.75 " "
	11	3	F	.83 " "
	11	5	F	.92 " "
	11	6	F	1.00 " "
	11	5	F	1.16 " "
	11	7	F	1.25 " "
	11	28	F	1.33 " "
	11	15	F	1.50 " "
	11	2	F	1.67 " "
Average	11	76	F	1.24 " "
July 1872	11	1	F	.50 " "
	11	4	F	.75 " "
	11	5	F	.83 " "
	11	2	F	.92 " "
	11	18	F	1.00 " "
	11	6	F	1.16 " "
	11	12	F	1.25 " "
	11	28	F	1.33 " "
	11	10	F	1.50 " "
	11	1	F	1.67 " "
Average	11	87	F	1.19 " "
Jan. 1873	11	2	F	.75 " "
	11	6	F	.83 " "
	11	1	F	.92 " "
	11	6	F	1.00 " "
	11	7	F	1.16 " "
	11	1	F	1.25 " "
	11	14	F	1.33 " "
	11	5	F	1.50 " "
	11	1	F	1.67 " "
Average	11	43	F	1.17½ " "
July 1873	11	5	F	.62½ " "
	11	1	F	.75 " "
	11	3	F	.83 " "
	11	4	F	.92 " "
	11	2	F	1.00 " "
	11	3	F	1.16 " "
	11	2	F	1.25 " "
	11	18	F	1.33 " "
	11	4	F	1.50 " "
	11	4	F	1.67 " "
	11	4	F	2.00 " "
Average	11	50	F	1.25½ " "
Jan. 1874	11	5	F	.55 " "
	11	4	F	.62½ " "
	11	1	F	.75 " "
	11	3	F	.83 " "
	11	3	F	.92 " "
	11	3	F	1.00 " "
	11	3	F	1.16 " "
	11	2	F	1.25 " "
	11	5	F	1.33 " "
Average	11	29	F	.92½ " "
July 1874	11	6	F	.55 " "
	11	4	F	.75 " "
	11	2	F	.83 " "
July 1874–conc'd.	11	1	F	$0.92 per day.
	11	6	F	1.00 " "
	11	1	F	1.16 " "
	11	3	F	1.25 " "
	11	4	F	1.50 " "
	11	1	F	1.80 " "
Average	11	28	F	.98½ " "
Jan. 1875	10	6	F	.50 " "
	10	8	F	.60 " "
	10	10	F	.65 " "
	10	2	F	.73½ " "
	10	1	F	1.24½ " "
	10	1	F	1.40 " "
Average	10	28	F	.66 " "
July 1875	10	2	F	.50 " "
	10	16	F	.60 " "
	10	8	F	.65 " "
	10	2	F	.73½ " "
	10	1	F	1.24½ " "
	10	3	F	1.40 " "
Average	10	32	F	.71 " "
Jan. 1876	10	4	F	.32½ " "
	10	3	F	.45 " "
	10	16	F	.50 " "
	10	3	F	.60 " "
	10	3	F	.75 " "
	10	3	F	.85 " "
	10	2	F	.90 " "
	10	2	F	1.20 " "
	10	5	F	1.40 " "
Average	10	41	F	.69½ " "
July 1876	10	5	F	.32½ " "
	10	3	F	.45 " "
	10	6	F	.50 " "
	10	3	F	.60 " "
	10	3	F	.75 " "
	10	5	F	.85 " "
	10	1	F	.90 " "
	10	2	F	1.20 " "
	10	14	F	1.40 " "
Average	10	42	F	.88½ " "
Jan. 1877	10	3	F	.32½ " "
	10	5	F	.45 " "
	10	4	F	.60 " "
	10	3	F	.75 " "
	10	6	F	.85 " "
	10	3	F	.90 " "
	10	6	F	1.00 " "
	10	2	F	1.25 " "
	10	2	F	1.30 " "
Average	10	34	F	.78½ " "
July 1877	10	2	F	.32½ " "
	10	5	F	.45 " "
	10	2	F	.60 " "
	10	4	F	.75 " "
	10	6	F	.85 " "
	10	2	F	.90 " "
	10	7	F	1.00 " "
	10	2	F	1.25 " "
	10	3	F	1.30 " "
Average	10	33	F	.83 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WEAVERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878	10	5	F	$0.50 per day.
	10	3	F	.60 " "
	10	2	F	.70 " "
	10	7	F	.85 " "
	10	1	F	.90 " "
	10	4	F	1.00 " "
	10	1	F	1.25 " "
	10	2	F	1.30 " "
	10	13	F	1.50 " "
Average	10	38	F	1.05 " "
July 1878	10	6	F	.50 " "
	10	4	F	.60 " "
	10	4	F	.70 " "
	10	4	F	.85 " "
	10	1	F	.90 " "
	10	5	F	1.00 " "
	10	3	F	1.25 " "
	10	4	F	1.30 " "
	10	15	F	1.50 " "
Average	10	46	F	1.06½ " "
Jan. 1879	10	5	F	.50 " "
	10	4	F	.65 " "
	10	2	F	.70 " "
	10	6	F	.90 " "
	10	3	F	.95 " "
	10	8	F	1.00 " "
	10	5	F	1.25 " "
	10	6	F	1.35 " "
	10	4	F	1.50 " "
Average	10	43	F	1.00 " "
July 1879	10	4	F	.50 " "
	10	6	F	.65 " "
	10	1	F	.70 " "
	10	5	F	.90 " "
	10	3	F	.95 " "
	10	9	F	1.00 " "
	10	8	F	1.25 " "
	10	5	F	1.35 " "
	10	5	F	1.50 " "
Average	10	46	F	1.02½ " "
Jan. 1880	10	2	F	.50 " "
	10	3	F	.65 " "
	10	3	F	.70 " "
	10	4	F	.90 " "
	10	2	F	.95 " "
	10	9	F	1.00 " "
	10	6	F	1.25 " "
	10	7	F	1.35 " "
	10	4	F	1.50 " "
Average	10	40	F	1.06½ " "
July 1880	10	3	F	.50 " "
	10	3	F	.65 " "
	10	3	F	.70 " "
	10	4	F	.90 " "
	10	2	F	.95 " "
	10	13	F	1.00 " "
	10	7	F	1.25 " "
	10	9	F	1.35 " "
	10	3	F	1.50 " "
Average	10	47	F	1.05 " "
Jan. 1881	10	5	F	.50 " "
	10	3	F	.65 " "
	10	1	F	.70 " "
	10	5	F	.90 " "
Jan. 1881—conc'd.	10	4	F	$0.95 per day.
	10	15	F	1.00 " "
	10	8	F	1.25 " "
	10	8	F	1.35 " "
	10	4	F	1.50 " "
Average	10	53	F	1.04 " "
July 1881	10	6	F	.50 " "
	10	4	F	.65 " "
	10	1	F	.70 " "
	10	6	F	.90 " "
	10	2	F	.95 " "
	10	18	F	1.00 " "
	10	9	F	1.25 " "
	10	5	F	1.35 " "
	10	3	F	1.50 " "
Average	10	54	F	1.00 " "
Jan. 1882	10	6	F	.45 " "
	10	3	F	.60 " "
	10	4	F	.65 " "
	10	2	F	.75 " "
	10	7	F	.90 " "
	10	5	F	.95 " "
	10	16	F	1.05 " "
	10	9	F	1.25 " "
	10	8	F	1.35 " "
	10	2	F	1.50 " "
Average	10	62	F	.99 " "
July 1882	10	7	F	.45 " "
	10	5	F	.60 " "
	10	8	F	.65 " "
	10	4	F	.75 " "
	10	5	F	.80 " "
	10	4	F	.95 " "
	10	13	F	1.05 " "
	10	6	F	1.25 " "
	10	6	F	1.35 " "
	10	3	F	1.50 " "
Average	10	61	F	.91½ " "
Jan. 1883	10	6	F	.45 " "
	10	3	F	.60 " "
	10	4	F	.70 " "
	10	3	F	.75 " "
	10	2	F	.80 " "
	10	3	F	.95 " "
	10	12	F	1.05 " "
	10	5	F	1.25 " "
	10	7	F	1.30 " "
	10	4	F	1.50 " "
Average	10	49	F	.98 " "
July 1883	10	5	F	.45 " "
	10	2	F	.60 " "
	10	6	F	.70 " "
	10	5	F	.75 " "
	10	3	F	.80 " "
	10	8	F	.95 " "
	10	17	F	1.05 " "
	10	8	F	1.25 " "
	10	9	F	1.30 " "
	10	6	F	1.50 " "
Average	10	69	F	1.01½ " "
Jan. 1884	10	4	F	.45 " "
	10	2	F	.55 " "
	10	4	F	.65 " "
	10	2	F	.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WEAVERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884–conc'd.	10	3	F	$0.80 per day.
	10	3	F	.90 " "
	10	14	F	1.05 " "
	10	7	F	1.25 " "
	10	4	F	1.30 " "
	10	4	F	1.50 " "
Average	10	47	F	.99½ " "
July 1884	10	5	F	.45 " "
	10	3	F	.55 " "
	10	5	F	.65 " "
	10	3	F	.75 " "
	10	4	F	.80 " "
	10	3	F	.90 " "
	10	15	F	1.05 " "
	10	8	F	1.20 " "
	10	5	F	1.35 " "
	10	3	F	1.50 " "
Average	10	54	F	.96 " "
Jan. 1885	10	3	F	.45 " "
	10	1	F	.60 " "
	10	3	F	.70 " "
	10	4	F	.75 " "
	10	5	F	.85 " "
	10	3	F	.95 " "
	10	18	F	1.05 " "
	10	9	F	1.20 " "
	10	7	F	1.35 " "
	10	5	F	1.50 " "
Average	10	58	F	1.05 " "
July 1885	10	4	F	.45 " "
	10	2	F	.60 " "
	10	6	F	.70 " "
	10	3	F	.75 " "
	10	3	F	.90 " "
	10	7	F	.95 " "
	10	13	F	1.05 " "
	10	8	F	1.35 " "
	10	4	F	1.50 " "
Average	10	50	F	.98½ " "
Jan. 1886	10	3	F	.45 " "
	10	4	F	.60 " "
	10	8	F	.70 " "
	10	6	F	.75 " "
	10	2	F	.90 " "
	10	3	F	.95 " "
	10	14	F	1.05 " "
	10	9	F	1.35 " "
	10	2	F	1.50 " "
Average	10	51	F	.95 " "
July 1886	10	2	F	.45 " "
	10	3	F	.60 " "
	10	7	F	.70 " "
	10	7	F	.75 " "
	10	1	F	.90 " "
	10	6	F	.95 " "
	10	16	F	1.05 " "
	10	11	F	1.35 " "
	10	4	F	1.50 " "
Average	10	57	F	1.00 " "
Jan. 1887	10	4	F	.45 " "
	10	3	F	.60 " "
	10	8	F	.75 " "
	10	4	F	.80 " "
	10	3	F	.90 " "
	10	5	F	.95 " "
Jan. 1887–conc'd.	10	14	F	$1.10 per day.
	10	6	F	1.30 " "
	10	5	F	1.45 " "
	10	3	F	1.50 " "
Average	10	55	F	1.00½ " "
July 1887	10	7	F	.45 " "
	10	5	F	.60 " "
	10	6	F	.75 " "
	10	3	F	.80 " "
	10	5	F	.90 " "
	10	7	F	.95 " "
	10	15	F	1.10 " "
	10	4	F	1.30 " "
	10	6	F	1.45 " "
	10	14	F	1.50 " "
Average	10	72	F	1.05 " "
Jan. 1888	10	8	F	.45 " "
	10	5	F	.60 " "
	10	7	F	.75 " "
	10	5	F	.80 " "
	10	8	F	.90 " "
	10	4	F	1.00 " "
	10	12	F	1.10 " "
	10	8	F	1.30 " "
	10	4	F	1.45 " "
	10	3	F	1.50 " "
Average	10	64	F	.95 " "
July 1888	10	2	F	.40 " "
	10	4	F	.50 " "
	10	6	F	.90 " "
	10	3	F	1.00 " "
	10	4	F	1.25 " "
	10	4	F	1.30 " "
	10	14	F	1.50 " "
Average	10	37	F	1.14½ " "
Jan. 1889	10	3	F	.40 " "
	10	4	F	.50 " "
	10	7	F	.90 " "
	10	7	F	1.00 " "
	10	4	F	1.25 " "
	10	3	F	1.30 " "
	10	12	F	1.50 " "
Average	10	40	F	1.08½ " "
July 1889	10	2	F	.40 " "
	10	4	F	.50 " "
	10	4	F	.90 " "
	10	8	F	1.00 " "
	10	5	F	1.25 " "
	10	5	F	1.30 " "
	10	4	F	1.50 " "
Average	10	32	F	1.03½ " "
Jan. 1890	10	2	F	.35 " "
	10	2	F	.50 " "
	10	4	F	.70 " "
	10	3	F	.80 " "
	10	3	F	.90 " "
	10	6	F	1.00 " "
	10	6	F	1.25 " "
	10	4	F	1.30 " "
	10	5	F	1.40 " "
	10	4	F	1.50 " "
Average	10	39	F	1.06 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WEAVERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1890	10	2	F	$0.35 per day.	Jan. 1891–conc'd.	10	5	F	$1.25 per day.
	10	3	F	.50 " "		10	6	F	1.30 " "
	10	3	F	.70 " "		10	8	F	1.40 " "
	10	2	F	.80 " "		10	3	F	1.50 " "
	10	5	F	.90 " "					
	10	8	F	1.00 " "	Average	10	48	F	1.05½ " "
	10	7	F	1.25 " "					
	10	5	F	1.30 " "	July 1891	10	1	F	.35 " "
	10	3	F	1.40 " "		10	4	F	.50 " "
	10	4	F	1.50 " "		10	3	F	.65 " "
						10	5	F	.75 " "
Average	10	42	F	1.04½ " "		10	8	F	.90 " "
						10	7	F	1.00 " "
Jan. 1891	10	1	F	.35 " "		10	7	F	1.25 " "
	10	5	F	.50 " "		10	6	F	1.30 " "
	10	2	F	.65 " "		10	7	F	1.40 " "
	10	3	F	.75 " "		10	3	F	1.50 " "
	10	6	F	.90 " "					
	10	9	F	1.00 " "	Average	10	51	F	1.04 " "

YARD HANDS.

July 1842	13	5	M	.75 per day.	July 1849	13	4	M	.75 per day.
						13	2	M	.83½ " "
Jan. 1843	13	1	M	.66⅔ " "					
	13	1	M	.70 " "	Average	13	6	M	.78 " "
Average	13	2	M	.68½ " "	Jan. 1850	13	4	M	.75 " "
						13	2	M	.83½ " "
July 1843	13	1	M	.67½ " "					
	13	1	M	.70 " "	Average	13	6	M	.78 " "
Average	13	2	M	.68½ " "	July 1850	13	6	M	.75 " "
						13	2	M	.83½ " "
Jan. 1844	13	2	M	.67 " "		13	1	M	1.00 " "
July 1844	13	2	M	.75 " "	Average	13	9	M	.79½ " "
	13	1	M	.83½ " "					
					Jan. 1851	13	5	M	.75 " "
Average	13	3	M	.78 " "		13	2	M	.83½ " "
Jan. 1845	13	4	M	.67 " "	Average	13	7	M	.77½ " "
July 1845	13	5	M	.75 " "					
Jan. 1846	13	4	M	.75 " "	July 1851	13	4	M	.75 " "
						13	2	M	.83½ " "
July 1846	13	4	M	.75 " "					
	13	1	M	1.00 " "	Average	13	6	M	.78 " "
Average	13	5	M	.80 " "	Jan. 1852	13	4	M	.75 " "
						13	3	M	.83½ " "
Jan. 1847	13	4	M	.75 " "					
	13	1	M	1.00 " "	Average	13	7	M	.78½ " "
Average	13	5	M	.80 " "	July 1852	13	4	M	.75 " "
						13	3	M	.83 " "
July 1847	13	6	M	.75 " "		13	1	M	1.00 " "
	13	1	M	.83½ " "					
	13	3	M	1.00 " "	Average	13	8	M	.81 " "
Average	13	10	M	.83½ " "	Jan. 1853	13	3	M	.75 " "
						13	6	M	.83 " "
Jan. 1848	13	5	M	.75 " "					
	13	2	M	.83½ " "	Average	13	9	M	.80½ " "
Average	13	7	M	.77½ " "	July 1858	13	9	M	.83 " "
July 1848	13	4	M	.75 " "	Jan. 1859	13	12	M	.83 " "
	13	3	M	.83½ " "		13	2	M	.91 " "
Average	13	7	M	.78½ " "	Average	13	14	M	.84 " "
Jan. 1849	13	3	M	.75 " "	July 1859	13	12	M	.83 " "
	13	3	M	.83½ " "		13	4	M	.91 " "
Average	13	6	M	.79½ " "	Average	13	16	M	.85 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

YARD HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1860	13	12	M	$0.83 per day.
	13	5	M	.91 " "
Average	13	17	M	.85½ " "
July 1860	13	7	M	.83 " "
	13	5	M	.91 " "
Average	13	12	M	.86½ " "
Jan. 1861	13	7	M	.83 " "
	13	5	M	.91 " "
Average	13	12	M	.86½ " "
July 1861	13	8	M	.83 " "
	13	5	M	.91 " "
	13	1	M	1.00 " "
Average	13	14	M	.87 " "
Jan. 1862	12	5	M	.75 " "
	12	5	M	.83 " "
Average	12	10	M	.79 " "
July 1862	12	11	M	.83 " "
	12	6	M	.91 " "
	12	1	M	1.00 " "
Average	12	18	M	.86½ " "
Jan. 1863	12	7	M	.83 " "
	12	4	M	.91 " "
	12	3	M	1.00 " "
Average	12	14	M	.89 " "
July 1863	12	6	M	.83 " "
	12	4	M	.91 " "
	12	3	M	1.00 " "
Average	12	13	M	.89½ " "
Jan. 1864	12	7	M	1.00 " "
	12	1	M	1.16 " "
Average	12	8	M	1.02 " "
July 1864	12	8	M	1.25 " "
	12	1	M	1.50 " "
Average	12	9	M	1.28 " "
Jan. 1865	12	4	M	1.25 " "
	12	1	M	1.33 " "
Average	12	5	M	1.26½ " "
July 1865	12	8	M	1.25 " "
	12	2	M	1.50 " "
Average	12	10	M	1.30 " "
Jan. 1866	12	2	M	1.00 " "
	12	7	M	1.25 " "
	12	4	M	1.50 " "
	12	1	M	1.75 " "
Average	12	14	M	1.32 " "
July 1866	12	1	M	1.00 " "
	12	1	M	1.25 " "
	12	11	M	1.50 " "
Average	12	13	M	1.44 " "
Jan. 1867	12	12	M	$1.50 per day.
	12	1	M	1.75 " "
Average	12	13	M	1.52 " "
July 1867	12	33	M	1.50 " "
	12	1	M	1.75 " "
Average	12	34	M	1.50½ " "
Jan. 1868	11	22	M	1.25 " "
	11	2	M	1.33 " "
	11	1	M	1.50 " "
Average	11	25	M	1.26½ " "
July 1868	11	25	M	1.25 " "
	11	7	M	1.50 " "
Average	11	32	M	1.30½ " "
Jan. 1869	11	13	M	1.25 " "
	11	25	M	1.50 " "
Average	11	38	M	1.41½ " "
July 1869	11	18	M	1.50 " "
	11	1	M	1.75 " "
Average	11	19	M	1.51½ " "
Jan. 1870	11	24	M	1.50 " "
July 1870	11	23	M	1.50 " "
Jan. 1871	11	19	M	1.25 " "
	11	2	M	1.33 " "
	11	3	M	1.50 " "
Average	11	24	M	1.29 " "
July 1871	11	1	M	1.25 " "
	11	34	M	1.50 " "
Average	11	35	M	1.49½ " "
Jan. 1872	11	22	M	1.33 " "
	11	5	M	1.50 " "
Average	11	27	M	1.36 " "
July 1872	11	39	M	1.50 " "
Jan. 1873	11	62	M	1.40 " "
	11	4	M	1.50 " "
	11	1	M	1.75 " "
Average	11	67	M	1.41 " "
July 1873	11	48	M	1.50 " "
	11	1	M	1.75 " "
Average	11	49	M	1.50½ " "
Jan. 1874	11	27	M	1.40 " "
	11	9	M	1.50 " "
	11	1	M	1.75 " "
Average	11	37	M	1.43½ " "
July 1874	11	33	M	1.50 " "
	11	1	M	1.75 " "
Average	11	34	M	1.50½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

YARD HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1875	10	2	M	$1.25 per day.
	10	34	M	1.36½ " "
	10	2	M	1.66½ " "
Average	10	38	M	1.37½ " "
July 1875	10	4	M	1.25 " "
	10	33	M	1.36½ " "
	10	2	M	1.66½ " "
Average	10	39	M	1.37 " "
Jan. 1876	10	20	M	1.25 " "
July 1876	10	19	M	1.25 " "
Jan. 1877	10	16	M	1.15 " "
July 1877	10	14	M	1.15 " "
Jan. 1878	10	16	M	1.15 " "
July 1878	10	19	M	1.15 " "
Jan. 1879	10	10	M	1.00 " "
	10	12	M	1.05 " "
Average	10	22	M	1.02½ " "
July 1879	10	18	M	1.00 " "
	10	3	M	1.05 " "
	10	14	M	1.10 " "
Average	10	35	M	1.04½ " "
Jan. 1880	10	18	M	1.00 " "
	10	5	M	1.05 " "
	10	2	M	1.10 " "
Average	10	25	M	1.02 " "
July 1880	10	3	M	1.00 " "
	10	6	M	1.05 " "
	10	3	M	1.10 " "
Average	10	12	M	1.05 " "
Jan. 1881	10	4	M	1.00 " "
	10	8	M	1.05 " "
Average	10	12	M	1.03½ " "
July 1881	10	5	M	1.00 " "
	10	7	M	1.05 " "
Average	10	12	M	1.03 " "
Jan. 1882	10	3	M	1.00 " "
	10	5	M	1.05 " "
	10	4	M	1.10 " "
	10	6	M	1.15 " "
	10	3	M	1.20 " "
	10	4	M	1.35 " "
Average	10	25	M	1.14 " "
July 1882	10	2	M	1.00 " "
	10	4	M	1.05 " "
	10	9	M	1.10 " "
	10	4	M	1.15 " "
	10	5	M	1.20 " "
	10	4	M	1.35 " "
Average	10	28	M	1.14½ " "
Jan. 1883	10	10	M	1.00 " "
	10	3	M	1.10 " "
	10	2	M	1.15 " "
Jan. 1883-conc'd.	10	4	M	$1.20 per day.
	10	3	M	1.35 " "
Average	10	22	M	1.11 " "
July 1883	10	13	M	1.00 " "
	10	5	M	1.10 " "
	10	3	M	1.20 " "
	10	3	M	1.35 " "
Average	10	24	M	1.09 " "
Jan. 1884	10	19	M	1.00 " "
	10	4	M	1.10 " "
	10	1	M	1.15 " "
	10	2	M	1.20 " "
	10	2	M	1.35 " "
Average	10	28	M	1.06 " "
July 1884	10	14	M	1.00 " "
	10	5	M	1.10 " "
	10	1	M	1.15 " "
	10	3	M	1.20 " "
	10	2	M	1.35 " "
Average	10	25	M	1.08 " "
Jan. 1885	10	26	M	1.00 " "
	10	4	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.25 " "
	10	2	M	1.35 " "
Average	10	34	M	1.04½ " "
July 1885	10	24	M	1.00 " "
	10	4	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.25 " "
	10	2	M	1.35 " "
Average	10	32	M	1.04½ " "
Jan. 1886	10	16	M	1.00 " "
July 1886	10	18	M	1.00 " "
Jan. 1887	10	13	M	1.00 " "
	10	3	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.35 " "
Average	10	18	M	1.04½ " "
July 1887	10	17	M	1.00 " "
	10	3	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.35 " "
Average	10	22	M	1.03½ " "
Jan. 1888	10	9	M	1.00 " "
	10	4	M	1.10 " "
	10	3	M	1.20 " "
Average	10	16	M	1.06½ " "
July 1888	10	11	M	1.00 " "
	10	4	M	1.10 " "
	10	2	M	1.20 " "
Average	10	17	M	1.04½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Concluded.

YARD HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1889	10	6	M	$1.00 per day.	July 1890	10	2	M	$1.00 per day.
	10	10	M	1.10 " "		10	13	M	1.10 " "
	10	5	M	1.20 " "		10	2	M	1.20 " "
Average	10	21	M	1.09½ " "	Average	10	17	M	1.10 " "
July 1889	10	5	M	1.00 " "	Jan. 1891	10	3	M	1.00 " "
	10	7	M	1.10 " "		10	11	M	1.10 " "
	10	3	M	1.20 " "		10	2	M	1.20 " "
Average	10	15	M	1.08½ " "	Average	10	16	M	1.09½ " "
Jan. 1890	10	4	M	1.00 " "	July 1891	10	5	M	1.00 " "
	10	9	M	1.10 " "		10	14	M	1.10 " "
	10	2	M	1.20 " "		10	2	M	1.20 " "
Average	10	15	M	1.08½ " "	Average	10	21	M	1.08½ " "

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS.

BACK HANDS.

Jan. 1840	14	2	M	.38 per day.	Jan. 1845–cont'd.	14	2	F	.38 per day.
	14	1	M	.40 " "		14	1	F	.42 " "
	14	1	F	.42 " "	Average	14	6	.....	.35 " "
	14	1	F	.44 " "					
Average	14	5	.....	.40½ " "	July 1845	14	2	M	.33 " "
						14	1	F	.42 " "
July 1841	14	1	M	.33 " "	Average	14	3	.....	.36 " "
	14	1	M	.40 " "					
	14	2	F	.44 " "	Jan. 1846	14	2	M	.33 " "
						14	2	F	.38 " "
Average	14	4	.....	.40½ " "		14	1	M	.48 " "
					Average	14	5	.....	.38 " "
Jan. 1842	14	1	M	.40 " "					
	14	1	F	.44 " "	July 1846	14	1	M	.20 " "
						14	1	F	.33 " "
Average	14	2	.....	.42 " "	Average	14	2	.....	.26½ " "
July 1842	14	2	F	.38 " "	July 1847	14	1	M	.42 " "
	14	1	M	.40 " "		14	1	F	.42 " "
Average	14	3	.....	.38½ " "	Average	14	2	.....	.42 " "
Jan. 1843	14	1	M	.38 " "	Jan. 1848	14	1	M	.42 " "
	14	1	F	.38 " "					
	14	1	F	.44 " "	Jan. 1852	12	1	F	.28 " "
						12	1	F	.38 " "
Average	14	3	.....	.40 " "	Average	12	2	F	.33 " "
July 1843	14	1	M	.22 " "	July 1852	12	1	F	.28 " "
	14	1	M	.33 " "	Jan. 1853	12	1	F	.30 " "
	14	1	F	.44 " "	July 1853	12	1	F	.30 " "
	14	2	M	.48 " "	Jan. 1854	12	1	F	.30 " "
					July 1854	12	1	F	.30 " "
Average	14	5	.....	.39 " "	Jan. 1855	12	1	F	.30 " "
Jan. 1844	14	1	M	.25 " "	Jan. 1856	12	1	M	.42 " "
	14	2	M	.33 " "		12	1	M	.45 " "
	14	1	F	.38 " "		12	2	F	.46 " "
Average	14	4	.....	.32½ " "	Average	12	4	.....	.44½ " "
July 1844	14	1	M	.25 " "	July 1856	12	3	M	.45 " "
	14	2	M	.33 " "		12	1	F	.45 " "
	14	1	F	.42 " "		12	2	F	.46 " "
Average	14	4	.....	.33½ " "	Average	12	6	.....	.45½ " "
Jan. 1845	14	1	M	.25 " "					
	14	2	M	.33 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

BACK HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1857	12	1	M	$0.42 per day.
	12	4	M	.45 " "
	12	1	F	.45 " "
	12	1	M	.46 " "
Average	12	7	.....	.41½ " "
July 1857	12	1	M	.45 " "
	12	1	M	.46 " "
	12	1	F	.50 " "
Average	12	3	.....	.47 " "
July 1859	12	1	F	.40 " "
Jan. 1864	11	2	M	.38 " "
	11	5	F	.40 " "
	11	1	F	.45 " "
Average	11	8	.....	.40 " "
July 1864	11	2	M	.38 " "
	11	5	F	.40 " "
	11	1	F	.45 " "
Average	11	8	.....	.40 " "
July 1865	11	1	M	.50 " "
Jan. 1866	11	2	M	.50 " "
July 1866	11	1	M	.50 " "
	11	1	M	.60 " "
Average	11	2	M	.55 " "
Jan. 1867	11	1	M	.58 " "
	11	2	M	.67 " "
Average	11	3	M	.64 " "
July 1867	11	2	M	.50 " "
	11	1	M	.58 " "
Average	11	3	M	.52½ " "
Jan. 1868	11	2	M	.50 " "
July 1868	11	1	M	.50 " "
Jan. 1869	11	1	M	.54 " "
July 1869	11	1	M	.58 " "
Jan. 1875	10	3	M	.40 " "
July 1875	10	2	M	.40 " "
Jan. 1876	10	1	M	.35 " "
July 1876	10	1	M	.35 " "
Jan. 1877	10	1	M	.35 " "
	10	2	M	.40 " "
Average	10	3	M	.38⅓ " "
July 1877	10	1	M	.35 " "
	10	2	M	.40 " "
Average	10	3	M	.38⅓ " "
Jan. 1878	10	2	M	.40 " "
	10	1	M	.50 " "
Average	10	3	M	.43⅓ " "
July 1878	10	1	M	.40 " "
	10	2	M	.50 " "
Average	10	3	M	.46⅔ " "
Jan. 1879	10	2	M	.40 " "
	10	2	M	.50 " "
Average	10	4	M	.45 " "
July 1879	10	1	M	$0.40 per day.
	10	2	M	.50 " "
Average	10	3	M	.46½ " "
Jan. 1880	10	1	M	.40 " "
	10	2	M	.50 " "
Average	10	3	M	.46½ " "
July 1880	10	1	M	.35 " "
	10	1	M	.40 " "
	10	1	M	.50 " "
Average	10	3	M	.41½ " "
Jan. 1881	10	1	M	.35 " "
	10	1	M	.40 " "
	10	2	M	.50 " "
Average	10	4	M	.43½ " "
July 1881	10	1	M	.35 " "
	10	1	M	.40 " "
	10	2	M	.50 " "
Average	10	4	M	.43½ " "
Jan. 1882	10	1	M	.35 " "
	10	1	M	.40 " "
	10	2	M	.50 " "
Average	10	4	M	.43½ " "
July 1882	10	1	M	.35 " "
	10	3	M	.50 " "
Average	10	4	M	.46½ " "
Jan. 1883	10	1	M	.35 " "
	10	1	M	.40 " "
	10	1	F	.40 " "
	10	1	M	.45 " "
	10	1	M	.50 " "
Average	10	5	.....	.42 " "
July 1883	10	1	M	.35 " "
	10	1	M	.40 " "
	10	1	F	.40 " "
	10	2	M	.50 " "
Average	10	5	.....	.43 " "
Jan. 1884	10	1	M	.40 " "
	10	4	F	.40 " "
	10	1	M	.45 " "
	10	1	M	.50 " "
Average	10	7	.....	.42 " "
July 1884	10	3	M	.40 " "
	10	5	F	.40 " "
	10	1	M	.50 " "
Average	10	9	.....	.41 " "
Jan. 1885	10	2	M	.40 " "
	10	5	F	.40 " "
	10	1	M	.45 " "
	10	1	M	.50 " "
Average	10	9	.....	.41½ " "
July 1885	10	2	M	.40 " "
	10	5	F	.40 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

BACK HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1885–conc'd.	10	1	M	$0.45 per day.	July 1888–conc'd.	10	3	M	$0.55 per day.
	10	1	M	.50 " "		10	14	M	.60 " "
Average	10	9	.....	.41½ " "		10	1	M	.65 " "
Jan. 1886	10	1	M	.35 " "		10	2	M	.70 " "
	10	1	F	.35 " "		10	1	M	.75 " "
	10	1	M	.40 " "		10	1	F	.75 " "
	10	1	F	.40 " "	Average	10	31	.....	.57½ " "
	10	2	M	.55 " "	Jan. 1889	10	2	M	.45 " "
	10	2	M	.60 " "		10	1	F	.45 " "
Average	10	8	.....	.47½ " "		10	4	M	.50 " "
July 1886	10	1	M	.35 " "		10	2	F	.50 " "
	10	1	F	.35 " "		10	9	M	.60 " "
	10	1	M	.50 " "		10	1	M	.65 " "
	10	2	M	.55 " "	Average	10	19	....	.54½ " "
	10	2	M	.60 " "	July 1889	10	2	M	.45 " "
Average	10	7	.....	.50 " "		10	4	M	.50 " "
Jan. 1887	10	3	M	.40 " "		10	3	F	.50 " "
	10	2	M	.45 " "		10	11	M	.60 " "
	10	2	F	.45 " "		10	1	F	.60 " "
	10	3	M	.50 " "	Average	10	21	.....	.55 " "
	10	4	M	.55 " "	Jan. 1890	10	1	M	.45 " "
	10	3	M	.60 " "		10	5	M	.50 " "
	10	1	M	.75 " "		10	3	F	.50 " "
Average	10	18	.....	.51½ " "		10	10	M	.60 " "
July 1887	10	2	M	.40 " "		10	1	F	.60 " "
	10	2	M	.45 " "		10	1	M	.65 " "
	10	5	F	.45 " "	Average	10	21	.....	.55½ " "
	10	3	M	.50 " "	July 1890	10	4	M	.50 " "
	10	8	M	.55 " "		10	1	F	.50 " "
	10	6	M	.60 " "		10	14	M	.60 " "
	10	1	M	.75 " "		10	1	F	.60 " "
	10	1	F	.75 " "		10	1	M	.65 " "
Average	10	28	.....	.53½ " "	Average	10	21	.....	.58 " "
Jan. 1888	10	2	M	.40 " "	Jan. 1891	10	1	M	.45 " "
	10	1	M	.45 " "		10	3	M	.50 " "
	10	4	F	.45 " "		10	1	F	.50 " "
	10	2	M	.50 " "		10	16	M	.60 " "
	10	1	F	.50 " "		10	1	F	.60 " "
	10	9	M	.55 " "					
	10	10	M	.60 " "	Average	10	22	.....	.57½ " "
	10	1	M	.75 " "	July 1891	10	1	M	.45 " "
	10	1	F	.75 " "		10	3	M	.50 " "
Average	10	31	.....	.55 " "		10	1	F	.50 " "
July 1888	10	4	M	.45 " "		10	14	M	.60 " "
	10	3	F	.45 " "		10	1	F	.60 " "
	10	2	M	.50 " "	Average	10	20	.....	.57½ " "

BALERS.

Jan. 1870	11	1	M	1.50 per day.	Jan. 1876	10	1	M	1.40 per day.
July 1870	11	1	M	1.50 " "	July 1876	10	1	M	1.40 " "
Jan. 1871	11	1	M	1.50 " "	Jan. 1877	10	1	M	1.40 " "
July 1871	11	1	M	1.50 " "	July 1877	10	1	M	1.40 " "
Jan. 1872	11	1	M	1.67 " "	Jan. 1878	10	1	M	1.40 " "
July 1872	11	1	M	1.67 " "	July 1878	10	1	M	1.25 " "
Jan. 1873	11	1	M	1.67 " "	Jan. 1879	10	1	M	1.25 " "
July 1873	11	1	M	1.67 " "	July 1879	10	1	M	1.25 " "
Jan. 1874	11	1	M	1.50 " "	Jan. 1880	10	1	M	1.40 " "
July 1874	11	1	M	1.50 " "	July 1880	10	1	M	1.40 " "
Jan. 1875	10	1	M	1.50 " "	Jan. 1881	10	1	M	1.40 " "
July 1875	10	1	M	1.50 " "	July 1881	10	1	M	1.40 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

BALERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	10	1	M	$1.40 per day.	July 1885	10	1	M	$1.40 per day.
July 1882	10	1	M	1.40 " "	Jan. 1886	10	1	M	1.40 " "
Jan. 1883	10	1	M	1.40 " "	July 1886	10	1	M	1.40 " "
July 1883	10	1	M	1.40 " "	Jan. 1887	10	1	M	1.40 " "
Jan. 1884	10	1	M	1.40 " "	July 1887	10	1	M	1.40 " "
July 1884	10	1	M	1.40 " "	Jan. 1888	10	1	M	1.40 " "
Jan. 1885	10	1	M	1.40 " "	July 1888	10	1	M	1.40 " "

BAND BOYS.

Jan. 1856	12	2	M	.83	per day.	Jan. 1867–conc'd.	11	2	M	.83	per day.
	12	1	M	1.00	" "		11	2	M	.92	" "
	12	1	M	1.08	" "	Average	11	11	M	.74½	" "
	12	6	M	1.12	" "						
Average	12	10	M	1.04½	" "	July 1867	11	1	M	.67	" "
							11	4	M	.83	" "
July 1856	12	2	M	1.00	" "		11	1	M	.99	" "
	12	2	M	1.12	" "	Average	11	6	M	.83	" "
Average	12	4	M	1.06	" "						
						Jan. 1868	11	1	M	.83	" "
Jan. 1857	12	2	M	1.00	" "	July 1868	11	2	M	.75	" "
						Jan. 1869	11	2	M	.75	" "
July 1857	12	2	M	1.00	" "	July 1869	11	2	M	.75	" "
	12	2	M	1.12	" "						
Average	12	4	M	1.06	" "	Jan. 1870	11	1	M	.75	" "
							11	1	M	.83	" "
July 1858	12	2	M	.58	" "	Average	11	2	M	.79	" "
	12	1	M	.67	" "						
Average	12	3	M	.61	" "	July 1870	11	1	M	.75	" "
							11	1	M	.83	" "
Jan. 1859	12	1	M	.67	" "	Average	11	2	M	.79	" "
July 1859	12	1	M	.58	" "	Jan. 1871	11	1	M	.83	" "
	12	1	M	.67	" "	Jan. 1872	11	2	M	.83	" "
						July 1872	11	2	M	.83	" "
Average	12	2	M	.62½	" "	Jan. 1873	11	2	M	.83	" "
						July 1873	11	2	M	.83	" "
Jan. 1860	12	1	M	.75	" "	Jan. 1874	11	1	M	.40	" "
	12	1	M	.83	" "	July 1874	11	1	M	.40	" "
						Jan. 1875	10	2	M	.50	" "
Average	12	2	M	.79	" "	July 1875	10	2	M	.50	" "
July 1860	12	1	M	.58	" "	Jan. 1876	10	1	M	.50	" "
	12	1	M	.67	" "		10	1	M	.55	" "
	12	1	M	.75	" "		10	1	M	.80	" "
	12	1	M	.83	" "	Average	10	3	M	.61½	" "
Average	12	4	M	.70½	" "						
						July 1876	10	1	M	.55	" "
Jan. 1861	11	1	M	.60	" "		10	1	M	.60	" "
	11	1	M	.67	" "		10	1	M	.70	" "
	11	2	M	.83	" "		10	2	M	.80	" "
Average	11	4	M	.73⅓	" "	Average	10	5	M	.69	" "
July 1861	11	1	M	.83	" "						
Jan. 1862	11	1	M	1.00	" "	Jan. 1877	10	2	M	.60	" "
July 1862	11	1	M	1.00	" "		10	1	M	.70	" "
Jan. 1865	11	1	M	.50	" "		10	2	M	.80	" "
July 1865	11	2	M	.75	" "	Average	10	5	M	.70	" "
	11	2	M	1.00	" "						
						July 1877	10	2	M	.60	" "
Average	11	4	M	.87½	" "		10	1	M	.70	" "
							10	2	M	.80	" "
Jan. 1866	11	1	M	1.00	" "						
Jan. 1867	11	7	M	.67	" "	Average	10	5	M	.70	" "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

BAND BOYS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878	10	1	M	$0.60 per day.
	10	1	M	.75 " "
	10	3	M	.80 " "
Average	10	5	M	.75 " "
July 1878	10	1	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
	10	2	M	.80 " "
Average	10	5	M	.72 " "
Jan. 1879	10	6	M	.65 " "
	10	1	M	.70 " "
Average	10	7	M	.65½ " "
July 1879	10	6	M	.65 " "
	10	1	M	.70 " "
Average	10	7	M	.65½ " "
Jan. 1880	10	5	M	.65 " "
	10	1	M	.70 " "
Average	10	6	M	.66 " "
July 1880	10	5	M	.65 " "
	10	1	M	.70 " "
Average	10	6	M	.66 " "
Jan. 1881	10	2	M	.65 " "
	10	2	M	.70 " "
	10	1	M	1.00 " "
Average	10	5	M	.74 " "
July 1881	10	2	M	.65 " "
	10	2	M	.70 " "
	10	1	M	1.00 " "
Average	10	5	M	.74 " "
Jan. 1882	10	2	M	.65 " "
	10	2	M	.70 " "
	10	1	M	1.00 " "
Average	10	5	M	.74 " "
July 1882	10	1	M	.65 " "
	10	1	M	.70 " "
	10	2	M	.75 " "
	10	1	M	1.25 " "
Average	10	5	M	.82 " "
Jan. 1883	10	1	M	.65 " "
	10	4	M	.75 " "
	10	1	M	.90 " "
Average	10	6	M	.76 " "
July 1883	10	3	M	.70 " "
	10	1	M	.90 " "
Average	10	4	M	.75 " "
Jan. 1884	10	3	M	.70 " "
	10	1	M	.80 " "
	10	1	M	1.00 " "
Average	10	5	M	.78 " "
July 1884	10	2	M	$0.70 per day.
	10	1	M	.80 " "
	10	1	M	1.00 " "
Average	10	4	M	.80 " "
Jan. 1885	10	2	M	.70 " "
	10	1	M	.75 " "
	10	1	M	.80 " "
	10	1	M	1.00 " "
Average	10	5	M	.79 " "
July 1885	10	2	M	.70 " "
	10	1	M	.75 " "
	10	1	M	.80 " "
	10	1	M	1.00 " "
Average	10	5	M	.79 " "
Jan. 1886	10	1	M	.60 " "
	10	3	M	.75 " "
	10	2	M	1.00 " "
Average	10	6	M	.81 " "
July 1886	10	1	M	.60 " "
	10	2	M	.75 " "
	10	1	M	.80 " "
	10	2	M	1.00 " "
Average	10	6	M	.81½ " "
Jan. 1887	10	1	M	.70 " "
July 1887	10	1	M	.70 " "
Jan. 1889	10	1	M	.65 " "
	10	1	M	.70 " "
Average	10	2	M	.67½ " "
July 1889	10	1	M	.65 " "
	10	1	M	.70 " "
Average	10	2	M	.67½ " "
Jan. 1890	10	1	M	.65 " "
	10	1	M	.75 " "
	10	1	M	.80 " "
	10	1	M	.95 " "
Average	10	4	M	.78½ " "
July 1890	10	2	M	.75 " "
	10	1	M	.80 " "
	10	1	M	.95 " "
Average	10	4	M	.81½ " "
Jan. 1891	10	2	M	.75 " "
	10	1	M	.80 " "
	10	2	M	1.00 " "
Average	10	5	M	.86 " "
July 1891	10	2	M	.75 " "
	10	1	M	.90 " "
	10	2	M	1.00 " "
Average	10	5	M	.88 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARD GRINDERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1840	14	1	M	$0.80 per day.
	14	1	M	.86 " "
	14	1	M	.88 " "
	14	1	M	.96 " "
	14	1	M	1.00 " "
Average	14	5	M	.90 " "
July 1841	14	1	M	.75 " "
	14	1	M	.83 " "
	14	1	M	.88
	14	5	M	1.00 " "
				" "
Average	14	8	M	.93½ " "
Jan. 1842	14	1	M	.75 " "
	14	1	M	.83 " "
	14	1	M	.88 " "
	14	4	M	1.00 " "
Average	14	7	M	.92½ " "
July 1842	14	1	M	.83 " "
	14	1	M	.88 " "
	14	3	M	1.00 " "
Average	14	5	M	.94 " "
Jan. 1843	14	1	M	.88 " "
	14	4	M	.96 " "
Average	14	5	M	.94½ " "
July 1843	14	2	M	.83 " "
	14	1	M	.88 " "
	14	1	M	.96 " "
	14	1	M	1.00 " "
Average	14	5	M	.90 " "
Jan. 1844	14	1	M	.80 " "
	14	3	M	.83 " "
	14	1	M	.88 " "
Average	14	5	M	.83½ " "
July 1844	14	2	M	.80 " "
	14	3	M	.83 " "
	14	1	M	.90 " "
Average	14	6	M	.83 " "
Jan. 1845	14	4	M	.80 " "
	14	3	M	.83 " "
	14	1	M	.90 " "
Average	14	8	M	.82½ " "
July 1845	14	5	M	.80 " "
	14	4	M	.83 " "
	14	1	M	.94 " "
Average	14	10	M	.82½ " "
Jan. 1846	14	3	M	.80 " "
	14	2	M	.83 " "
	14	1	M	1.00 " "
Average	14	6	M	.84½ " "
July 1846	14	2	M	.80 " "
	14	2	M	.83 " "
	14	1	M	1.10 " "
Average	14	5	M	.87 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1847	14	3	M	$0.80 per day.
	14	2	M	1.00 " "
	14	1	M	1.10 " "
Average	14	6	M	.91½ " "
July 1847	14	2	M	.80 " "
	14	2	M	1.00 " "
	14	1	M	1.17 " "
Average	14	5	M	.95½ " "
Jan. 1848	14	2	M	.80 " "
	14	2	M	1.00 " "
Average	14	4	M	.90 " "
July 1848	14	1	M	.75 " "
	14	4	M	.80 " "
	14	1	M	1.00 " "
Average	14	6	M	.82½ " "
Jan. 1849	14	7	M	.80 " "
	14	2	M	1.00 " "
Average	14	9	M	.84½ " "
July 1849	14	1	M	.65 " "
	14	1	M	.80 " "
	14	2	M	.83 " "
	14	1	M	1.08 " "
Average	14	5	M	.84 " "
Jan. 1850	14	3	M	.80 " "
	14	3	M	.83 " "
Average	14	6	M	.81½ " "
July 1850	14	1	M	.80 " "
	14	1	M	.83 " "
	14	1	M	.92 " "
	14	1	M	1.00 " "
Average	14	4	M	.88½ " "
Jan. 1851	14	3	M	.80 " "
	14	3	M	1.00 " "
Average	14	6	M	.90 " "
July 1851	14	2	M	.80 " "
	14	2	M	1.00 " "
Average	14	4	M	.90 " "
Jan. 1852	12	2	M	.80 " "
	12	2	M	1.00 " "
Average	12	4	M	.90 " "
July 1852	12	1	M	.80 " "
	12	2	M	1.00 " "
Average	12	3	M	.93½ " "
Jan. 1853	12	6	M	.80 " "
	12	1	M	1.00 " "
Average	12	7	M	.83 " "
July 1853	12	6	M	.80 " "
	12	1	M	1.00 " "
Average	12	7	M	.83 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARD GRINDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854	12	6	M	$0.80 per day.
	12	1	M	1.00 " "
Average	12	7	M	.83 " "
July 1854	12	5	M	.80 " "
Jan. 1855	12	5	M	.80 " "
July 1855	12	12	M	.80 " "
	12	1	M	1.00 " "
Average	12	13	M	.81½ " "
Jan. 1856	12	9	M	.80 " "
	12	2	M	.83 " "
	12	1	M	1.00 " "
	12	1	M	1.08 " "
Average	12	13	M	.84 " "
July 1856	12	9	M	.80 " "
	12	2	M	.83 " "
	12	3	M	1.00 " "
	12	1	M	1.12 " "
Average	12	15	M	.86½ " "
Jan. 1857	12	8	M	.80 " "
	12	1	M	.83 " "
	12	3	M	1.00 " "
	12	1	M	1.12 " "
Average	12	13	M	.87½ " "
July 1857	12	5	M	.80 " "
	12	1	M	.86 " "
	12	2	M	1.00 " "
	12	1	M	1.12 " "
Average	12	9	M	.88½ " "
Jan. 1858	12	1	M	.75 " "
	12	4	M	.80 " "
	12	4	M	.92 " "
	12	1	M	1.12 " "
Average	12	10	M	.87½ " "
July 1858	12	1	M	.75 " "
	12	3	M	.80 " "
	12	3	M	.92 " "
	12	2	M	1.00 " "
	12	1	M	1.12 " "
Average	12	10	M	.90½ " "
Jan. 1859	12	2	M	.75 " "
	12	3	M	.80 " "
	12	3	M	.92 " "
Average	12	8	M	.83½ " "
July 1859	12	2	M	.75 " "
	12	3	M	.80 " "
	12	3	M	.92 " "
Average	12	8	M	.83½ " "
Jan. 1860	12	3	M	.75 " "
	12	4	M	.80 " "
	12	4	M	.92 " "
Average	12	11	M	.83 " "
July 1860	12	3	M	$0.75 per day.
	12	4	M	.80 " "
	12	4	M	.92 " "
Average	12	11	M	.83 " "
Jan. 1861	11	2	M	.75 " "
	11	6	M	.92 " "
Average	11	8	M	.87½ " "
Jnly 1861	11	2	M	.75 " "
	11	6	M	.92 " "
Average	11	8	M	.87½ " "
Jan. 1862	11	2	M	.75 " "
	11	6	M	.92 " "
Average	11	8	M	.87½ " "
July 1862	11	1	M	.72 " "
	11	1	M	.88 " "
Average	11	2	M	.80 " "
Jan. 1863	11	1	M	.88 " "
Jan. 1864	11	6	M	1.50 " "
July 1864	11	2	M	1.42 " "
	11	5	M	1.50 " "
Average	11	7	M	1.47½ " "
Jan. 1865	11	1	M	1.42 " "
	11	4	M	1.50 " "
Average	11	5	M	1.48½ " "
July 1865	11	2	M	1.50 " "
	11	3	M	1.58 " "
	11	1	M	1.67 " "
Average	11	6	M	1.57 " "
Jan. 1866	11	2	M	1.50 " "
	11	3	M	1.58 " "
	11	1	M	1.67 " "
Average	11	6	M	1.57 " "
July 1866	11	2	M	1.50 " "
	11	3	M	1.58 " "
	11	1	M	1.67 " "
Average	11	6	M	1.57 " "
Jan. 1867	11	4	M	1.58 " "
	11	2	M	1.67 " "
Average	11	6	M	1.61 " "
July 1867	11	4	M	1.58 " "
	11	2	M	1.67 " "
Average	11	6	M	1.61 " "
Jan. 1868	11	5	M	1.58 " "
July 1868	11	4	M	1.58 " "
	11	1	M	1.67 " "
Average	11	5	M	1.60 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARD GRINDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	11	1	M	$1.50 per day.
	11	3	M	1.58 " "
	11	1	M	1.67 " "
Average	11	5	M	1.58 " "
July 1869	11	1	M	1.50 " "
	11	4	M	1.58 " "
Average	11	5	M	1.56½ " "
Jan. 1870	11	1	M	1.50 " "
	11	4	M	1.58 " "
Average	11	5	M	1.56⅓ " "
July 1870	11	1	M	1.50 " "
	11	4	M	1.58 " "
Average	11	5	M	1.56½ " "
Jan. 1871	11	1	M	1.50 " "
	11	1	M	1.58 " "
	11	5	M	1.67 " "
	11	1	M	1.75 " "
Average	11	8	M	1.64⅓ " "
July 1871	11	1	M	1.50 " "
	11	1	M	1.58 " "
	11	4	M	1.67 " "
	11	1	M	1.75 " "
	11	1	M	1.83 " "
Average	11	8	M	1.66½ " "
Jan. 1872	11	1	M	1.58 " "
	11	5	M	1.67 " "
	11	1	M	1.70 " "
	11	1	M	1.83 " "
Average	11	8	M	1.68½ " "
July 1872	11	1	M	1.58 " "
	11	6	M	1.67 " "
	11	1	M	1.83 " "
Average	11	8	M	1.68 " "
Jan. 1873	11	5	M	1.50 " "
	11	2	M	1.60 " "
	11	1	M	1.75 " "
Average	11	8	M	1.55½ " "
July 1873	11	2	M	1.25 " "
	11	2	M	1.45 " "
	11	2	M	1.50 " "
	11	1	M	1.55 " "
	11	1	M	1.60 " "
Average	11	8	M	1.44½ " "
Jan. 1874	11	2	M	1.25 " "
	11	2	M	1.30 " "
	11	3	M	1.50 " "
	11	1	M	1.60 " "
Average	11	8	M	1.40 " "
July 1874	11	1	M	1.25 " "
	11	1	M	1.30 " "
	11	1	M	1.35 " "
July 1874-conc'd.	11	2	M	$1.40 per day.
	11	1	M	1.50 " "
	11	1	M	1.57 " "
	11	1	M	1.67 " "
Average	11	8	M	1.43 " "
Jan. 1875	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	3	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.60 " "
Average	10	8	M	1.38 " "
July 1875	10	1	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.65 " "
Average	10	8	M	1.38½ " "
Jan. 1876	10	1	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.35 " "
	10	3	M	1.40 " "
	10	1	M	1.60 " "
Average	10	8	M	1.37½ " "
July 1876	10	1	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.55 " "
Average	10	8	M	1.37½ " "
Jan. 1877	10	1	M	1.25 " "
	10	1	M	1.35 " "
	10	5	M	1.40 " "
	10	1	M	1.60 " "
Average	10	8	M	1.40 " "
July 1877	10	2	M	1.25 " "
	10	1	M	1.35 " "
	10	4	M	1.40 " "
	10	1	M	1.50 " "
Average	10	8	M	1.37 " "
Jan. 1878	10	1	M	1.30 " "
	10	5	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
Average	10	8	M	1.40½ " "
July 1878	10	1	M	1.20 " "
	10	5	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
Average	10	8	M	1.39½ " "
Jan. 1879	10	2	M	1.40 " "
July 1879	10	2	M	1.40 " "
Jan. 1880	10	2	M	1.40 " "
July 1880	10	2	M	1.40 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARD GRINDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881	10	3	M	$1.40 per day.	Jan. 1888	10	3	M	$1.45 per day.
July 1881	10	3	M	1.40 " "		10	1	M	1.75 " "
Jan. 1882	10	1	M	1.40 " "	Average	10	4	M	1.52½ " "
July 1882	10	1	M	1.40 " "					
Jan. 1883	10	2	M	1.40 " "	July 1888	10	3	M	1.45 " "
July 1883	10	2	M	1.40 " "		10	1	M	1.75 " "
Jan. 1884	10	2	M	1.40 " "	Average	10	4	M	1.52½ " "
July 1884	10	2	M	1.40 " "					
Jan. 1885	10	3	M	1.45 " "	Jan. 1889	10	3	M	1.45 " "
	10	1	M	1.75 " "		10	1	M	1.75 " "
Average	10	4	M	1.52½ " "	Average	10	4	M	1.52½ " "
July 1885	10	3	M	1.45 " "	July 1889	10	3	M	1.45 " "
	10	1	M	1.75 " "		10	1	M	1.75 " "
Average	10	4	M	1.52½ " "	Average	10	4	M	1.52½ " "
Jan. 1886	10	3	M	1.45 " "	Jan. 1890	10	3	M	1.45 " "
	10	1	M	1.75 " "		10	1	M	1.75 " "
Average	10	4	M	1.52½ " "	Average	10	4	M	1.52½ " "
July 1886	10	3	M	1.45 " "	July 1890	10	3	M	1.45 " "
	10	1	M	1.75 " "		10	1	M	1.75 " "
Average	10	4	M	1.52½ " "	Average	10	4	M	1.52½ " "
Jan. 1887	10	3	M	1.45 " "	Jan. 1891	10	3	M	1.45 " "
	10	1	M	1.75 " "		10	1	M	1.75 " "
Average	10	4	M	1.52½ " "	Average	10	4	M	1.52½ " "
July 1887	10	3	M	1.45 " "	July 1891	10	3	M	1.45 " "
	10	1	M	1.75 " "		10	1	M	1.75 " "
Average	10	4	M	1.52½ " "	Average	10	4	M	1.52½ " "

CARD STRIPPERS.

Jan. 1840	14	1	M	.50 per day.	July 1843	14	2	M	.78 per day.
	14	2	M	.70 " "					
	14	1	M	.75 " "	Jan. 1844	14	1	M	.48 " "
						14	2	M	.78 " "
Average	14	4	M	.66½ " "	Average	14	3	M	.68 " "
July 1840	14	1	M	.54 " "	July 1844	14	1	M	.80 " "
Jan. 1841	14	1	M	.50 " "	Jan. 1845	14	1	M	.46 " "
					July 1845	14	1	M	.46 " "
July 1841	14	2	M	.50 " "	July 1846	14	4	M	.80 " "
	14	2	M	.65 " "					
	14	3	M	.75 " "					
					Jan. 1847	14	1	M	.75 " "
Average	14	7	M	.65 " "		14	2	M	.80 " "
Jan. 1842	14	1	M	.50 " "	Average	14	3	M	.78½ " "
	14	1	M	.60 " "					
	14	3	M	.75 " "	July 1847	14	4	M	.80 " "
	14	1	M	.88 " "	Jan. 1848	14	5	M	.80 " "
Average	14	6	M	.70½ " "	July 1848	14	2	M	.70 " "
						14	2	M	.80 " "
July 1842	14	1	M	.52 " "					
	14	2	M	.75 " "	Average	14	4	M	.75 " "
Average	14	3	M	.67½ " "					
					Jan. 1849	14	1	M	.70 " "
Jan. 1843	14	1	M	.60 " "		14	2	M	.80 " "
	14	2	M	.71 " "					
Average	14	3	M	.67½ " "	Average	14	3	M	.76½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARD STRIPPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1849	14	1	M	$0.70 per day.
	14	4	M	.80 " "
Average	14	5	M	.78 " "
Jan. 1850	14	2	M	.70 " "
	14	5	M	.80 " "
Average	14	7	M	.77 " "
July 1850	14	1	M	.75 " "
	14	5	M	.80 " "
Average	14	6	M	.79 " "
Jan. 1851	14	1	M	.70 " "
	14	3	M	.80 " "
Average	14	4	M	.77½ " "
July 1851	14	1	M	.70 " "
	14	6	M	.80 " "
Average	14	7	M	.78½ " "
Jan. 1852	12	3	M	.70 " "
	12	5	M	.80 " "
Average	12	8	M	.76½ " "
July 1852	12	1	M	.70 " "
	12	6	M	.80 " "
Average	12	7	M	.78½ " "
Jan. 1853	12	1	M	.80 " "
July 1853	12	1	M	.80 " "
Jan. 1854	12	1	M	.80 " "
July 1854	12	1	M	.80 " "
Jan. 1855	12	1	M	.80 " "
July 1855	12	2	M	.80 " "
Jan. 1856	12	4	M	.80 " "
July 1856	12	5	M	.80 " "
Jan. 1857	12	6	M	.80 " "
July 1857	12	6	M	.80 " "
Jan. 1858	12	6	M	.75 " "
	12	4	M	.80 " "
Average	12	10	M	.77 " "
July 1858	12	10	M	.80 " "
Jan. 1859	12	8	M	.75 " "
	12	7	M	.80 " "
Average	12	15	M	.77½ " "
July 1859	12	8	M	.75 " "
	12	7	M	.80 " "
Average	12	15	M	.77½ " "
Jan. 1860	12	10	M	.75 " "
	12	1	M	.80 " "
Average	12	11	M	.75½ " "
July 1860	12	10	M	.75 " "
	12	1	M	.80 " "
Average	12	11	M	.75½ " "
Jan. 1861	11	11	M	.75 " "
July 1861	11	11	M	.75 " "
Jan. 1862	11	14	M	.75 " "
July 1862	11	2	M	$0.72 per day.
	11	1	M	.75 " "
	11	1	M	.80 " "
Average	11	4	M	.74½ " "
Jan. 1863	11	2	M	.72 " "
	11	1	M	.83 " "
Average	11	3	M	.75½ " "
Jan. 1864	11	9	M	1.25 " "
July 1864	11	1	M	1.17 " "
	11	2	M	1.25 " "
	11	7	M	1.33 " "
	11	1	M	1.42 " "
	11	1	M	1.50 " "
Average	11	12	M	1.32½ " "
Jan. 1865	11	2	M	1.25 " "
	11	4	M	1.33 " "
	11	3	M	1.42 " "
	11	1	M	1.50 " "
Average	11	10	M	1.36 " "
July 1865	11	2	M	1.25 " "
	11	4	M	1.33 " "
	11	2	M	1.42 " "
	11	1	M	1.50 " "
Average	11	9	M	1.35 " "
Jan. 1866	11	1	M	1.25 " "
	11	5	M	1.33 " "
	11	2	M	1.42 " "
	11	1	M	1.50 " "
Average	11	9	M	1.36 " "
July 1866	11	1	M	1.25 " "
	11	3	M	1.33 " "
	11	1	M	1.35 " "
	11	1	M	1.38 " "
	11	1	M	1.42 " "
	11	1	M	1.45 " "
	11	1	M	1.50 " "
Average	11	9	M	1.37 " "
Jan. 1867	11	1	M	1.33 " "
	11	5	M	1.38 " "
	11	1	M	1.42 " "
	11	1	M	1.45 " "
	11	1	M	1.50 " "
Average	11	9	M	1.40 " "
July 1867	11	1	M	1.33 " "
	11	5	M	1.38 " "
	11	1	M	1.42 " "
	11	2	M	1.50 " "
Average	11	9	M	1.40½ " "
Jan. 1868	11	2	M	1.00 " "
	11	1	M	1.30 " "
	11	1	M	1.35 " "
	11	5	M	1.38 " "
	11	4	M	1.42 " "
	11	1	M	1.45 " "
	11	1	M	1.50 " "
Average	11	15	M	1.34½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARD STRIPPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868	11	1	M	$1.00 per day.
	11	1	M	1.25 " "
	11	1	M	1.30 " "
	11	1	M	1.33 " "
	11	5	M	1.38 " "
	11	4	M	1.42 " "
	11	1	M	1.45 " "
	11	1	M	1.50 " "
Average	11	15	M	1.36 " "
Jan. 1869	11	1	M	1.00 " "
	11	1	M	1.25 " "
	11	1	M	1.30 " "
	11	7	M	1.38 " "
	11	4	M	1.42 " "
	11	1	M	1.50 " "
Average	11	15	M	1.36 " "
July 1869	11	1	M	1.00 " "
	11	1	M	1.25 " "
	11	1	M	1.30 " "
	11	7	M	1.38 " "
	11	3	M	1.42 " "
	11	1	M	1.45 " "
	11	1	M	1.58 " "
Average	11	15	M	1.36½ " "
Jan. 1870	11	1	M	1.02 " "
	11	1	M	1.25 " "
	11	1	M	1.33 " "
	11	2	M	1.35 " "
	11	5	M	1.38 " "
	11	1	M	1.40 " "
	11	3	M	1.42 " "
	11	1	M	1.58 " "
Average	11	15	M	1.36½ " "
July 1870	11	1	M	1.08 " "
	11	1	M	1.25 " "
	11	2	M	1.33 " "
	11	1	M	1.35 " "
	11	5	M	1.38 " "
	11	2	M	1.40 " "
	11	1	M	1.42 " "
	11	1	M	1.47 " "
	11	1	M	1.58 " "
Average	11	15	M	1.36½ " "
Jan. 1871	11	1	M	1.25 " "
	11	1	M	1.35 " "
	11	2	M	1.38 " "
	11	8	M	1.42 " "
	11	1	M	1.45 " "
	11	6	M	1.50 " "
Average	11	19	M	1.43 " "
July 1871	11	1	M	1.25 " "
	11	1	M	1.37 " "
	11	9	M	1.42 " "
	11	2	M	1.45 " "
	11	6	M	1.50 " "
Average	11	19	M	1.43½ " "
Jan. 1872	11	1	M	1.25 " "
	11	1	M	1.38 " "
	11	10	M	1.42 " "
	11	2	M	1.45 " "
	11	4	M	1.50 " "
	11	1	M	1.54 " "
Average	11	19	M	1.43½ " "
July 1872	11	1	M	$1.38 per day.
	11	8	M	1.42 " "
	11	5	M	1.45 " "
	11	4	M	1.50 " "
	11	1	M	1.54 " "
Average	11	19	M	1.45 " "
Jan. 1873	11	3	M	1.25 " "
	11	4	M	1.30 " "
	11	1	M	1.35 " "
	11	6	M	1.40 " "
	11	2	M	1.50 " "
Average	11	16	M	1.35½ " "
July 1873	11	1	M	1.00 " "
	11	1	M	1.10 " "
	11	3	M	1.20 " "
	11	2	M	1.25 " "
	11	3	M	1.30 " "
	11	2	M	1.35 " "
	11	1	M	1.40 " "
	11	2	M	1.45 " "
	11	1	M	1.50 " "
Average	11	16	M	1.28½ " "
Jan. 1874	11	2	M	1.00 " "
	11	2	M	1.15 " "
	11	2	M	1.20 " "
	11	2	M	1.25 " "
	11	2	M	1.30 " "
	11	1	M	1.33 " "
	11	1	M	1.35 " "
	11	2	M	1.40 " "
	11	1	M	1.45 " "
	11	1	M	1.50 " "
Average	11	16	M	1.26½ " "
July 1874	11	1	M	1.00 " "
	11	1	M	1.05 " "
	11	1	M	1.10 " "
	11	2	M	1.15 " "
	11	3	M	1.20 " "
	11	1	M	1.25 " "
	11	2	M	1.30 " "
	11	3	M	1.35 " "
	11	1	M	1.40 " "
	11	1	M	1.50 " "
Average	11	16	M	1.24 " "
Jan. 1875	10	3	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.15 " "
	10	4	M	1.20 " "
	10	2	M	1.25 " "
	10	3	M	1.35 " "
	10	2	M	1.40 " "
Average	10	16	M	1.21½ " "
July 1875	10	2	M	1.00 " "
	10	3	M	1.10 " "
	10	1	M	1.15 " "
	10	2	M	1.20 " "
	10	2	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.35 " "
	10	3	M	1.40 " "
Average	10	16	M	1.22 " "
Jan. 1876	10	3	M	1.00 " "
	10	3	M	1.10 " "
	10	2	M	1.15 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARD STRIPPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1876–conc'd.	10	2	M	$1.20 per day.
	10	1	M	1.25 " "
	10	2	M	1.30 " "
	10	3	M	1.40 " "
Average	10	16	M	1.19 " "
July 1876	10	1	M	.90 " "
	10	2	M	1.00 " "
	10	1	M	1.05 " "
	10	2	M	1.10 " "
	10	2	M	1.15 " "
	10	3	M	1.20 " "
	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.40 " "
Average	10	16	M	1.17 " "
Jan. 1877	10	1	M	.85 " "
	10	5	M	1.00 " "
	10	2	M	1.15 " "
	10	3	M	1.20 " "
	10	2	M	1.25 " "
	10	2	M	1.35 " "
	10	1	M	1.40 " "
Average	10	16	M	1.14½ " "
July 1877	10	1	M	.90 " "
	10	5	M	1.00 " "
	10	2	M	1.10 " "
	10	1	M	1.15 " "
	10	2	M	1.20 " "
	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.35 " "
	10	1	M	1.40 " "
Average	10	16	M	1.14½ " "
Jan. 1878	10	2	M	.90 " "
	10	4	M	1.00 " "
	10	1	M	1.05 " "
	10	1	M	1.10 " "
	10	1	M	1.15 " "
	10	4	M	1.20 " "
	10	1	M	1.30 " "
	10	2	M	1.35 " "
Average	10	16	M	1.12 " "
July 1878	10	1	M	.80 " "
	10	2	M	.90 " "
	10	5	M	1.00 " "
	10	1	M	1.15 " "
	10	3	M	1.20 " "
	10	2	M	1.25 " "
	10	2	M	1.40 " "
Average	10	16	M	1.10½ " "
Jan. 1879	10	2	M	.80 " "
	10	1	M	.92 " "
	10	7	M	1.00 " "
Average	10	10	M	.95 " "
July 1879	10	2	M	.80 " "
	10	1	M	.85 " "
	10	1	M	.92 " "
	10	6	M	1.00 " "
Average	10	10	M	.93½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1880	10	2	M	$0.80 per day.
	10	1	M	.90 " "
	10	1	M	.92 " "
	10	6	M	1.00 " "
Average	10	10	M	.94 " "
July 1880	10	2	M	.80 " "
	10	1	M	.85 " "
	10	1	M	.92 " "
	10	6	M	1.00 " "
Average	10	10	M	.93½ " "
Jan. 1881	10	2	M	.80 " "
	10	1	M	.92 " "
	10	8	M	1.00 " "
Average	10	11	M	.95½ " "
July 1881	10	2	M	.80 " "
	10	1	M	.92 " "
	10	8	M	1.00 " "
Average	10	11	M	.95½ " "
Jan. 1882	10	1	M	.75 " "
	10	1	M	.80 " "
	10	5	M	.85 " "
	10	4	M	1.00 " "
Average	10	11	M	.89 " "
July 1882	10	1	M	.75 " "
	10	3	M	.80 " "
	10	1	M	.85 " "
	10	2	M	.90 " "
	10	4	M	1.00 " "
Average	10	11	M	.89 " "
Jan. 1883	10	1	M	.75 " "
	10	3	M	1.00 " "
Average	10	4	M	.93½ " "
July 1883	10	1	M	.75 " "
	10	3	M	1.00 " "
Average	10	4	M	.93½ " "
Jan. 1884	10	1	M	.80 " "
	10	3	M	1.00 " "
Average	10	4	M	.95 " "
July 1884	10	1	M	.80 " "
	10	3	M	1.00 " "
Average	10	4	M	.95 " "
Jan. 1885	10	4	M	1.00 " "
July 1885	10	4	M	1.00 " "
Jan. 1886	10	4	M	1.00 " "
July 1886	10	4	M	1.00 " "
Jan. 1887	10	3	M	1.00 " "
July 1887	10	3	M	1.00 " "
Jan. 1888	10	1	M	.80 " "
	10	3	M	1.00 " "
Average	10	4	M	.95 " "
July 1888	10	1	M	.80 " "
	10	3	M	1.00 " "
Average	10	4	M	.95 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARD STRIPPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1889	10	1	M	$0.80 per day.	July 1890	10	4	M	$1.00 per day.
	10	2	M	1.00 " "		10	1	M	1.10 " "
	10	1	M	1.10 " "	Average	10	5	M	1.02 " "
Average	10	4	M	.97½ " "					
July 1889	10	1	M	.80 " "	Jan. 1891	10	4	M	1.00 " "
	10	2	M	1.00 " "		10	1	M	1.10 " "
	10	1	M	1.10 " "	Average	10	5	M	1.02 " "
Average	10	4	M	.97½ " "					
Jan. 1890	10	4	M	1.00 " "	July 1891	10	4	M	1.00 " "
	10	1	M	1.10 " "		10	1	M	1.10 " "
Average	10	5	M	1.02 " "	Average	10	5	M	1.02 " "

CARPENTERS.

Jan. 1840	14	2	M	1.17 per day.	Jan. 1845–conc'd.	14	2	M	1.25 per day.
	14	3	M	1.25 " "		14	1	M	1.58 " "
	14	1	M	1.67 " "	Average	14	7	M	1.23½ " "
Average	14	6	M	1.29½ " "	July 1845	14	1	M	1.00 " "
July 1841	14	2	M	1.17 " "		14	1	M	1.10 " "
	14	2	M	1.25 " "		14	4	M	1.17 " "
	14	1	M	1.30 " "		14	3	M	1.25 " "
	14	1	M	1.67 " "		14	1	M	1.33 " "
Average	14	6	M	1.30 " "		14	1	M	1.58 " "
Jan. 1842	14	2	M	1.25 " "	Average	14	11	M	1.22 " "
	14	1	M	1.33 " "	Jan. 1846	14	1	M	1.10 " "
	14	1	M	1.67 " "		14	4	M	1.17 " "
Average	14	4	M	1.37½ " "		14	5	M	1.25 " "
						14	2	M	1.33 " "
July 1842	14	3	M	1.25 " "		14	1	M	1.67 " "
	14	1	M	1.67 " "	Average	14	13	M	1.26 " "
Average	14	4	M	1.36½ " "	July 1846	14	1	M	1.10 " "
						14	1	M	1.17 " "
Jan. 1843	14	3	M	1.25 " "		14	5	M	1.25 " "
	14	1	M	1.67 " "		14	5	M	1.33 " "
Average	14	4	M	1.35½ " "	Average	14	12	M	1.26½ " "
July 1843	14	1	M	1.10 " "	Jan. 1847	14	1	M	1.10 " "
	14	1	M	1.17 " "		14	2	M	1.17 " "
	14	1	M	1.33 " "		14	3	M	1.25 " "
	14	1	M	1.50 " "		14	9	M	1.33 " "
						14	1	M	1.50 " "
Average	14	4	M	1.27½ " "	Average	14	16	M	1.29 " "
Jan. 1844	14	1	M	1.10 " "					
	14	1	M	1.17 " "	July 1847	14	1	M	1.10 " "
	14	2	M	1.25 " "		14	1	M	1.17 " "
	14	1	M	1.50 " "		14	2	M	1.25 " "
						14	9	M	1.33 " "
Average	14	5	M	1.25½ " "		14	2	M	1.42 " "
						14	3	M	1.50 " "
July 1844	14	1	M	1.10 " "	Average	14	18	M	1.34 " "
	14	2	M	1.17 " "					
	14	2	M	1.25 " "	Jan. 1848	14	1	M	1.10 " "
	14	1	M	1.33 " "		14	4	M	1.25 " "
	14	1	M	1.58 " "		14	5	M	1.33 " "
						14	1	M	1.42 " "
Average	14	7	M	1.26½ " "		14	2	M	1.50 " "
						14	1	M	1.58 " "
Jan. 1845	14	1	M	1.10 " "					
	14	1	M	1.12 " "					
	14	2	M	1.17 " "	Average	14	14	M	1.34 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARPENTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1848	14	1	M	$1.10 per day.
	14	5	M	1.33 " "
	14	2	M	1.42 " "
	14	3	M	1.50 " "
	14	1	M	1.58 " "
Average	14	12	M	1.39 " "
Jan. 1849	14	1	M	1.10 " "
	14	1	M	1.25 " "
	14	3	M	1.33 " "
	14	2	M	1.42 " "
	14	1	M	1.50 " "
	14	1	M	1.58 " "
Average	14	9	M	1.36 " "
July 1849	14	1	M	1.10 " "
	14	1	M	1.25 " "
	14	4	M	1.33 " "
	14	1	M	1.42 " "
	14	3	M	1.50 " "
Average	14	10	M	1.36 " "
Jan. 1850	14	1	M	1.10 " "
	14	2	M	1.25 " "
	14	5	M	1.33 " "
	14	1	M	1.42 " "
	14	1	M	1.50 " "
Average	14	10	M	1.31½ " "
July 1850	14	1	M	1.10 " "
	14	1	M	1.25 " "
	14	3	M	1.33 " "
	14	2	M	1.42 " "
	14	1	M	1.50 " "
	14	1	M	2.00 " "
Average	14	9	M	1.41 " "
Jan. 1851	14	1	M	1.10 " "
	14	1	M	1.25 " "
	14	2	M	1.33 " "
	14	3	M	1.42 " "
	14	1	M	1.50 " "
	14	1	M	2.00 " "
Average	14	9	M	1.42 " "
July 1851	14	1	M	1.10 " "
	14	2	M	1.25 " "
	14	6	M	1.33 " "
	14	3	M	1.42 " "
	14	1	M	1.50 " "
	14	1	M	1.75 " "
Average	14	14	M	1.36½ " "
Jan. 1852	12	1	M	1.10 " "
	12	2	M	1.33 " "
	12	1	M	1.42 " "
	12	3	M	1.50 " "
Average	12	7	M	1.38½ " "
July 1852	12	1	M	1.10 " "
	12	1	M	1.25 " "
	12	1	M	1.33 " "
	12	2	M	1.42 " "
	12	3	M	1.50 " "
	12	1	M	1.67 " "
Average	12	9	M	1.41 " "
Jan. 1853	12	1	M	$1.10 per day.
	12	3	M	1.33 " "
	12	2	M	1.42 " "
	12	3	M	1.50 " "
Average	12	9	M	1.38 " "
July 1853	12	1	M	1.00 " "
	12	1	M	1.17 " "
	12	1	M	1.25 " "
	12	2	M	1.33 " "
	12	1	M	1.47 " "
	12	2	M	1.50 " "
	12	2	M	1.58 " "
Average	12	10	M	1.37 " "
Jan. 1854	12	1	M	1.17 " "
	12	3	M	1.25 " "
	12	2	M	1.33 " "
	12	1	M	1.42 " "
	12	2	M	1.50 " "
	12	1	M	1.58 " "
	12	2	M	1.67 " "
Average	12	12	M	1.41 " "
July 1854	12	1	M	1.17 " "
	12	1	M	1.25 " "
	12	2	M	1.33 " "
	12	1	M	1.42 " "
	12	3	M	1.50 " "
	12	3	M	1.67 " "
	12	1	M	1.75 " "
	12	1	M	1.83 " "
Average	12	13	M	1.50½ " "
Jan. 1855	12	1	M	1.17 " "
	12	1	M	1.33 " "
	12	1	M	1.42 " "
	12	5	M	1.50 " "
	12	1	M	1.58 " "
	12	5	M	1.67 " "
	12	1	M	1.75 " "
	12	1	M	1.83 " "
Average	12	16	M	1.56 " "
July 1855	12	2	M	1.25 " "
	12	1	M	1.33 " "
	12	3	M	1.42 " "
	12	3	M	1.50 " "
	12	2	M	1.58 " "
	12	4	M	1.67 " "
Average	12	15	M	1.49⅓ " "
Jan. 1856	12	2	M	1.25 " "
	12	3	M	1.33 " "
	12	1	M	1.42 " "
	12	2	M	1.50 " "
	12	1	M	1.58 " "
	12	2	M	1.67 " "
	12	1	M	1.75 " "
Average	12	12	M	1.46½ " "
July 1856	12	2	M	1.25 " "
	12	1	M	1.42 " "
	12	3	M	1.50 " "
	12	1	M	1.58 " "
	12	1	M	1.63 " "
	12	2	M	1.67 " "
	12	2	M	1.75 " "
Average	12	12	M	1.54 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARPENTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1857	12	1	M	$1.25 per day.
	12	1	M	1.33 " "
	12	1	M	1.42 " "
	12	2	M	1.50 " "
	12	1	M	1.63 " "
	12	2	M	1.67 " "
	12	2	M	1.75 " "
Average	12	10	M	1.54½ " "
July 1857	12	3	M	1.50 " "
	12	1	M	1.63 " "
	12	3	M	1.75 " "
Average	12	7	M	1.62½ " "
Jan. 1858	12	2	M	1.50 " "
	12	1	M	1.63 " "
	12	2	M	1.75 " "
Average	12	5	M	1.62½ " "
July 1858	12	2	M	1.50 " "
	12	1	M	1.58 " "
	12	1	M	1.75 " "
Average	12	4	M	1.58½ " "
Jan. 1859	12	1	M	1.25 " "
	12	2	M	1.50 " "
	12	1	M	1.58 " "
	12	1	M	1.75 " "
Average	12	5	M	1.51½ " "
July 1859	12	1	M	1.25 " "
	12	3	M	1.50 " "
	12	1	M	1.56 " "
	12	1	M	1.58 " "
	12	1	M	1.75 " "
Average	12	7	M	1.52 " "
Jan. 1860	12	2	M	1.25 " "
	12	3	M	1.50 " "
	12	2	M	1.58 " "
	12	1	M	1.75 " "
Average	12	8	M	1.49 " "
July 1860	12	2	M	1.25 " "
	12	3	M	1.50 " "
	12	2	M	1.58 " "
	12	1	M	1.75 " "
Average	12	8	M	1.49 " "
Jan. 1861	11	1	M	1.17 " "
	11	3	M	1.50 " "
	11	2	M	1.67 " "
	11	1	M	1.83 " "
Average	11	7	M	1.55 " "
July 1861	11	1	M	1.17 " "
	11	3	M	1.50 " "
	11	2	M	1.67 " "
	11	1	M	1.83 " "
Average	11	7	M	1.55 " "
Jan. 1862	11	1	M	1.33 " "
	11	3	M	1.50 " "
	11	2	M	1.67 " "
	11	1	M	1.83 " "
Average	11	7	M	1.57 " "
July 1862	11	1	M	$1.33 per day.
	11	5	M	1.50 " "
	11	1	M	1.67 " "
	11	2	M	1.83 " "
Average	11	9	M	1.57½ " "
Jan. 1863	11	3	M	1.33 " "
	11	3	M	1.50 " "
	11	1	M	1.67 " "
	11	2	M	1.83 " "
Average	11	9	M	1.53½ " "
July 1863	11	2	M	1.33 " "
	11	1	M	1.42 " "
	11	1	M	1.50 " "
	11	2	M	1.67 " "
	11	1	M	1.75 " "
	11	2	M	1.83 " "
Average	11	9	M	1.59 " "
Jan. 1864	11	1	M	1.50 " "
	11	4	M	1.67 " "
	11	1	M	1.75 " "
	11	2	M	1.83 " "
	11	2	M	2.00 " "
	11	1	M	2.25 " "
	11	2	M	2.50 " "
Average	11	13	M	1.91 " "
July 1864	11	3	M	1.67 " "
	11	1	M	1.83 " "
	11	1	M	2.00 " "
	11	1	M	2.25 " "
	11	3	M	2.50 " "
Average	11	9	M	2.06½ " "
Jan. 1865	11	1	M	1.46 " "
	11	1	M	1.50 " "
	11	1	M	1.75 " "
	11	3	M	1.83 " "
	11	3	M	2.00 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	11	M	1.90½ " "
July 1865	11	1	M	1.75 " "
	11	1	M	1.83 " "
	11	5	M	2.00 " "
	11	1	M	2.17 " "
	11	2	M	2.25 " "
	11	1	M	2.75 " "
Average	11	11	M	2.09 " "
Jan. 1866	11	1	M	1.75 " "
	11	1	M	1.83 " "
	11	7	M	2.00 " "
	11	1	M	2.17 " "
	11	2	M	2.25 " "
	11	1	M	2.50 " "
	11	1	M	2.75 " "
Average	11	14	M	2.10½ " "
July 1866	11	1	M	1.83 " "
	11	1	M	2.00 " "
	11	1	M	2.17 " "
	11	1	M	2.25 " "
	11	2	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARPENTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866–conc'd.	11	1	M	$2.75 per day.
	11	1	M	3.00 " "
Average	11	8	M	2.37½ " "
Jan. 1867	11	1	M	1.75 " "
	11	1	M	1.83 " "
	11	3	M	2.00 " "
	11	1	M	2.17 " "
	11	4	M	2.25 " "
	11	4	M	2.50 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	16	M	2.28 " "
July 1867	11	1	M	1.75 " "
	11	1	M	1.83 " "
	11	4	M	2.00 " "
	11	5	M	2.25 " "
	11	4	M	2.50 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	17	M	2.27 " "
Jan. 1868	11	1	M	1.50 " "
	11	2	M	1.83 " "
	11	4	M	2.00 " "
	11	5	M	2.25 " "
	11	1	M	2.33 " "
	11	2	M	2.50 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	17	M	2.20½ " "
July 1868	11	1	M	1.50 " "
	11	2	M	1.83 " "
	11	1	M	2.00 " "
	11	1	M	2.17 " "
	11	7	M	2.25 " "
	11	1	M	2.33 " "
	11	2	M	2.50 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	17	M	2.24½ " "
Jan. 1869	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	2.00 " "
	11	6	M	2.25 " "
	11	1	M	2.33 " "
	11	3	M	2.50 " "
	11	1	M	2.83 " "
	11	1	M	3.00 " "
Average	11	15	M	2.29 " "
July 1869	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	2.00 " "
	11	6	M	2.25 " "
	11	1	M	2.33 " "
	11	3	M	2.50 " "
	11	1	M	2.83 " "
	11	1	M	3.00 " "
Average	11	15	M	2.29 " "
Jan. 1870	11	1	M	1.67 " "
	11	4	M	1.75 " "
	11	4	M	2.00 " "
	11	5	M	2.25 " "
	11	4	M	2.50 " "
Jan. 1870–conc'd.	11	1	M	$2.75 per day.
	11	1	M	3.00 " "
Average	11	20	M	2.18½ " "
July 1870	11	1	M	1.67 " "
	11	4	M	1.75 " "
	11	4	M	2.00 " "
	11	5	M	2.25 " "
	11	4	M	2.50 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	20	M	2.18½ " "
Jan. 1871	11	3	M	1.75 " "
	11	3	M	2.00 " "
	11	5	M	2.25 " "
	11	4	M	2.50 " "
	11	2	M	2.75 " "
	11	1	M	3.00 " "
Average	11	18	M	2.28 " "
July 1871	11	3	M	1.75 " "
	11	3	M	2.00 " "
	11	5	M	2.25 " "
	11	4	M	2.50 " "
	11	2	M	2.75 " "
	11	1	M	3.00 " "
Average	11	18	M	2.28 " "
Jan. 1872	11	2	M	1.75 " "
	11	3	M	2.00 " "
	11	4	M	2.25 " "
	11	6	M	2.50 " "
	11	2	M	2.75 " "
	11	1	M	3.00 " "
Average	11	18	M	2.33½ " "
July 1872	11	2	M	1.75 " "
	11	3	M	2.00 " "
	11	4	M	2.25 " "
	11	5	M	2.50 " "
	11	3	M	2.75 " "
	11	1	M	3.00 " "
Average	11	18	M	2.34½ " "
Jan. 1873	11	2	M	1.75 " "
	11	5	M	2.00 " "
	11	4	M	2.25 " "
	11	4	M	2.50 " "
	11	3	M	2.75 " "
Average	11	18	M	2.26½ " "
July 1873	11	1	M	1.50 " "
	11	2	M	1.75 " "
	11	5	M	2.00 " "
	11	4	M	2.25 " "
	11	4	M	2.50 " "
	11	2	M	2.75 " "
Average	11	18	M	2.19½ " "
Jan. 1874	11	1	M	1.50 " "
	11	3	M	1.75 " "
	11	6	M	2.00 " "
	11	4	M	2.25 " "
	11	2	M	2.50 " "
	11	2	M	2.75 " "
Average	11	18	M	2.12½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARPENTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1874	11	1	M	$1.50 per day.
	11	1	M	1.75 " "
	11	1	M	1.80 " "
	11	6	M	2.00 " "
	11	4	M	2.25 " "
	11	5	M	2.50 " "
Average	11	18	M	2.14 " "
Jan. 1875	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	10	M	2.00 " "
	10	1	M	2.25 " "
	10	5	M	2.50 " "
Average	10	18	M	2.13 " "
July 1875	10	2	M	1.75 " "
	10	1	M	1.80 " "
	10	9	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
Average	10	18	M	2.11½ " "
Jan. 1876	10	7	M	1.75 " "
	10	7	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	18	M	1.98½ " "
July 1876	10	2	M	1.50 " "
	10	4	M	1.75 " "
	10	7	M	2.00 " "
	10	3	M	2.25 " "
	10	2	M	2.50 " "
Average	10	18	M	1.98½ " "
Jan. 1877	10	1	M	1.50 " "
	10	7	M	1.75 " "
	10	1	M	1.80 " "
	10	7	M	2.00 " "
	10	1	M	2.33 " "
	10	1	M	2.50 " "
Average	10	18	M	1.91 " "
July 1877	10	1	M	1.50 " "
	10	4	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.87 " "
	10	9	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.75 " "
Average	10	18	M	1.95½ " "
Jan. 1878	10	1	M	1.50 " "
	10	8	M	1.75 " "
	10	2	M	1.80 " "
	10	6	M	2.00 " "
	10	1	M	2.75 " "
Average	10	18	M	1.88 " "
July 1878	10	3	M	1.50 " "
	10	1	M	1.67 " "
	10	3	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.87 " "
	10	8	M	2.00 " "
	10	1	M	2.75 " "
Average	10	18	M	1.88 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1879	10	2	M	$1.35 per day.
	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	4	M	1.90 " "
	10	4	M	2.00 " "
	10	1	M	2.70 " "
Average	10	14	M	1.85½ " "
July 1879	10	2	M	1.35 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	5	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.70 " "
Average	10	14	M	1.85 " "
Jan. 1880	10	2	M	1.35 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	5	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.70 " "
Average	10	14	M	1.85 " "
July 1880	10	2	M	1.35 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	6	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
Average	10	14	M	1.84½ " "
Jan. 1881	10	2	M	1.35 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	1.80 " "
	10	8	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
Average	10	17	M	1.84½ " "
July 1881	10	2	M	1.35 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	1.80 " "
	10	8	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
Average	10	17	M	1.84½ " "
Jan. 1882	10	2	M	1.35 " "
	10	4	M	1.50 " "
	10	5	M	1.75 " "
	10	1	M	1.80 " "
	10	6	M	1.90 " "
	10	4	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.70 " "
Average	10	21	M	1.81½ " "
July 1882	10	2	M	1.35 " "
	10	4	M	1.50 " "
	10	5	M	1.75 " "
	10	1	M	1.80 " "
	10	6	M	1.90 " "
	10	4	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.70 " "
Average	10	24	M	1.81½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARPENTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883	10	1	M	$1.35 per day.
	10	1	M	1.50 " "
	10	5	M	1.75 " "
	10	1	M	1.80 " "
	10	6	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	18	M	1.91½ " "
July 1883	10	1	M	1.35 " "
	10	1	M	1.50 " "
	10	5	M	1.75 " "
	10	1	M	1.80 " "
	10	6	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	18	M	1.91½ " "
Jan. 1884	10	1	M	1.35 " "
	10	1	M	1.50 " "
	10	4	M	1.75 " "
	10	5	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	15	M	1.93½ " "
July 1884	10	1	M	1.35 " "
	10	1	M	1.50 " "
	10	4	M	1.75 " "
	10	5	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	15	M	1.93½ " "
Jan. 1885	10	1	M	1.35 " "
	10	4	M	1.75 " "
	10	5	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	14	M	1.97 " "
July 1885	10	1	M	1.35 " "
	10	4	M	1.75 " "
	10	5	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	14	M	1.97 " "
Jan. 1886	10	1	M	1.35 " "
	10	4	M	1.75 " "
	10	6	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	15	M	1.96½ " "
July 1886	10	1	M	1.35 " "
	10	4	M	1.75 " "
	10	6	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	15	M	1.96½ " "
Jan. 1887	10	1	M	$1.35 per day.
	10	5	M	1.75 " "
	10	11	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	22	M	1.94 " "
July 1887	10	1	M	1.35 " "
	10	5	M	1.75 " "
	10	11	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	22	M	1.94 " "
Jan. 1888	10	1	M	1.35 " "
	10	2	M	1.75 " "
	10	9	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	16	M	1.98 " "
July 1888	10	1	M	1.35 " "
	10	2	M	1.75 " "
	10	9	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	16	M	1.98 " "
Jan. 1889	10	1	M	1.35 " "
	10	2	M	1.75 " "
	10	8	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	15	M	1.98½ " "
July 1889	10	1	M	1.35 " "
	10	2	M	1.75 " "
	10	8	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	15	M	1.98½ " "
Jan. 1890	10	1	M	1.35 " "
	10	1	M	1.75 " "
	10	6	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	12	M	2.01½ " "
July 1890	10	1	M	1.35 " "
	10	1	M	1.75 " "
	10	6	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	12	M	2.01½ " "
Jan. 1891	10	1	M	1.35 " "
	10	2	M	1.50 " "
	10	3	M	1.75 " "
	10	2	M	1.90 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARPENTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891–cone'd.	10	5	M	$2.00 per day.
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	15	M	1.94 " "
July 1891	10	1	M	1.35 " "
	10	2	M	1.50 " "
July 1891–cone'd.	10	3	M	$1.75 per day.
	10	2	M	1.90 " "
	10	5	M	2.00 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	15	M	1.94 " "

CLOTH-ROOM HANDS.

Jan. 1840	14	3	F	.40 per day.
July 1841	14	3	F	.40 " "
Jan. 1842	14	3	F	.40 " "
July 1842	14	5	F	.40 " "
Jan. 1843	14	3	F	.40 " "
	14	1	F	.42 " "
Average	14	4	F	.40½ " "
July 1843	14	3	F	.40 " "
Jan. 1844	14	1	F	.33 " "
	14	3	F	.40 " "
Average	14	4	F	.38½ " "
July 1844	14	1	F	.33 " "
	14	2	F	.40 " "
Average	14	3	F	.37½ " "
Jan. 1845	14	1	F	.38 " "
	14	2	F	.40 " "
Average	14	3	F	.39½ " "
July 1845	14	1	F	.38 " "
	14	1	M	.40 " "
	14	1	F	.40 " "
Average	14	3	.....	.39½ " "
Jan. 1846	14	1	F	.38 " "
	14	1	M	.40 " "
	14	4	F	.40 " "
	14	1	F	.46 " "
	14	3	F	.50 " "
Average	14	10	.....	.43½ " "
July 1846	14	1	F	.38 " "
	14	1	M	.45 " "
	14	2	F	.45 " "
Average	14	4	.....	.43½ " "
Jan. 1847	14	1	F	.38 " "
	14	1	M	.45 " "
	14	3	F	.45 " "
Average	14	5	.....	.43½ " "
July 1847	14	1	M	.38 " "
	14	4	F	.45 " "
Average	14	5	.....	.43½ " "
Jan. 1848	14	1	M	.45 " "
	14	3	F	.45 " "
	14	2	F	.54 " "
Average	14	6	.....	.48 " "
July 1848	14	1	M	.45 per day.
	14	1	F	.54 " "
Average	14	2	.....	.49½ " "
Jan. 1849	14	1	M	.38 " "
	14	1	M	.45 " "
	14	2	F	.45 " "
	14	3	F	.54 " "
Average	14	7	.....	.48 " "
July 1849	14	1	M	.38 " "
	14	3	F	.45 " "
	14	1	F	.54 " "
Average	14	5	.....	.45½ " "
Jan. 1850	14	1	M	.38 " "
	14	1	M	.45 " "
	14	3	F	.45 " "
	14	1	F	.54 " "
Average	14	6	.....	.45½ " "
July 1850	14	1	M	.45 " "
	14	1	F	.45 " "
	14	1	F	.54 " "
Average	14	3	.....	.48 " "
Jan. 1851	14	1	M	.45 " "
	14	1	F	.45 " "
	14	1	F	.54 " "
Average	14	3	.....	.48 " "
July 1851	14	1	M	.45 " "
	14	1	F	.45 " "
	14	1	F	.54 " "
Average	14	3	.....	.48 " "
Jan. 1852	12	4	F	.45 " "
	12	1	F	.54 " "
Average	12	5	F	.47 " "
July 1852	12	1	M	.45 " "
	12	2	F	.45 " "
	12	1	F	.54 " "
Average	12	4	.....	.47½ " "
Jan. 1853	12	2	M	.45 " "
	12	4	F	.45 " "
	12	2	F	.54 " "
Average	12	8	.....	.47½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CLOTH-ROOM HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1853	12	2	M	$0.45 per day.
	12	4	F	.45 " "
	12	2	F	.54 " "
Average	12	8	.....	.47½ " "
Jan. 1854	12	2	M	.45 " "
	12	5	F	.45 " "
	12	2	F	.54 " "
Average	12	9	.....	.47 " "
July 1854	12	2	M	.45 " "
	12	5	F	.45 " "
	12	2	F	.54 " "
Average	12	9	.....	.47 " "
Jan. 1855	12	2	M	.45 " "
	12	4	F	.45 " "
	12	2	F	.54 " "
Average	12	8	.....	.47½ " "
July 1855	12	2	M	.45 " "
	12	4	F	.45 " "
	12	2	F	.54 " "
Average	12	8	.....	.47½ " "
Jan. 1856	12	5	F	.45 " "
	12	2	F	.54 " "
	12	2	M	.92 " "
Average	12	9	.....	.57½ " "
July 1856	12	5	F	.45 " "
	12	2	F	.54 " "
	12	2	M	.92 " "
Average	12	9	.....	.57½ " "
Jan. 1857	12	1	M	.50 " "
	12	3	F	.50 " "
	12	1	F	.58 " "
Average	12	5	.....	.51½ " "
July 1857	12	1	M	.50 " "
	12	3	F	.50 " "
	12	1	F	.58 " "
Average	12	5	.....	.51½ " "
Jan. 1858	12	1	M	.50 " "
	12	1	F	.50 " "
	12	3	F	.58 " "
Average	12	5	.....	.55 " "
July 1858	12	1	M	.50 " "
	12	1	F	.50 " "
	12	3	F	.58 " "
Average	12	5	.....	.55 " "
Jan. 1859	12	1	M	.50 " "
	12	3	F	.50 " "
	12	3	F	.58 " "
Average	12	7	.....	.53½ " "
July 1859	12	1	M	.50 " "
	12	3	F	.50 " "
	12	3	F	.58 " "
Average	12	7	.....	.53½ " "
Jan. 1860	12	2	M	$0.50 per day.
	12	3	F	.50 " "
	12	2	F	.58 " "
	12	1	F	1.00 " "
Average	12	8	.....	.58½ " "
July 1860	12	2	M	.50 " "
	12	3	F	.50 " "
	12	2	F	.58 " "
	12	1	F	1.00 " "
Average	12	8	.....	.58½ " "
Jan. 1861	11	1	M	.50 " "
	11	3	F	.50 " "
	11	1	M	.58 " "
	11	2	F	.58 " "
Average	11	7	.....	.53½ " "
July 1861	11	1	M	.50 " "
	11	3	F	.50 " "
	11	1	M	.58 " "
	11	2	F	.58 " "
Average	11	7	.....	.53½ " "
Jan. 1862	11	1	F	.50 " "
	11	1	M	.58 " "
Average	11	2	.....	.54 " "
July 1862	11	1	F	.50 " "
	11	1	M	.58 " "
Average	11	2	.....	.54 " "
Jan. 1863	11	1	M	.58 " "
July 1863	11	1	M	.58 " "
Jan. 1864	11	2	F	.58 " "
	11	1	F	.65 " "
Average	11	3	F	.60½ " "
July 1864	11	2	F	.58 " "
	11	1	F	.65 " "
Average	11	3	F	.60½ " "
Jan. 1865	11	1	F	.67 " "
	11	1	F	.81 " "
	11	1	F	.89 " "
Average	11	3	F	.79 " "
July 1865	11	1	F	.67 " "
	11	1	F	.81 " "
	11	1	F	.89 " "
Average	11	3	F	.79 " "
Jan. 1866	11	1	M	.81 " "
	11	6	F	.81 " "
	11	1	M	.88 " "
	11	2	F	.89 " "
Average	11	10	.....	.83½ " "
July 1866	11	1	M	.81 " "
	11	6	F	.81 " "
	11	1	M	.88 " "
	11	2	F	.89 " "
Average	11	10	.....	.83½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CLOTH-ROOM HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1867	11	3	M	$0.85 per day.
	11	2	F	.85 " "
	11	2	F	.89 " "
Average	11	7	.....	.86 " "
July 1867	11	3	M	.85 " "
	11	2	F	.85 " "
	11	2	F	.93 " "
Average	11	7	.....	.87½ " "
Jan. 1868	11	3	M	.85 " "
	11	2	F	.85 " "
	11	2	F	.93 " "
Average	11	7	.....	.87½ " "
July 1868	11	4	M	.85 " "
	11	1	F	.85 " "
	11	2	F	.93 " "
Average	11	7	.....	.87½ " "
Jan. 1869	11	3	M	.85 " "
	11	1	F	.85 " "
	11	1	M	.92 " "
	11	2	F	.93 " "
Average	11	7	.....	.88½ " "
July 1869	11	3	M	.85 " "
	11	1	F	.85 " "
	11	1	M	.92 " "
	11	2	F	.93 " "
Average	11	7	.....	.88½ " "
Jan. 1870	11	2	M	.85 " "
	11	3	F	.85 " "
	11	2	F	.93 " "
Average	11	7	.....	.87½ " "
July 1870	11	2	M	.85 " "
	11	3	F	.85 " "
	11	2	F	.93 " "
Average	11	7	.....	.87½ " "
Jan. 1871	11	1	M	.85 " "
	11	2	F	.85 " "
	11	2	M	.93 " "
	11	2	F	.93 " "
Average	11	7	.....	.89½ " "
July 1871	11	1	M	.85 " "
	11	2	F	.85 " "
	11	2	M	.93 " "
	11	2	F	.93 " "
Average	11	7	.....	.89½ " "
Jan. 1872	11	1	M	1.00 " "
	11	3	F	1.00 " "
	11	1	M	1.17 " "
	11	1	M	1.25 " "
Average	11	6	.....	1.07 " "
July 1872	11	1	M	1.00 " "
	11	3	F	1.00 " "
	11	1	M	1.17 " "
	11	1	M	1.25 " "
Average	11	6	.....	1.07 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1873	11	2	M	$0.83 per day.
	11	2	F	.83 " "
	11	5	F	1.00 " "
	11	1	M	1.17 " "
Average	11	10	.....	.95 " "
July 1873	11	2	M	.83 " "
	11	2	F	.83 " "
	11	5	F	1.00 " "
	11	1	M	1.17 " "
Average	11	10	.....	.95 " "
Jan. 1874	11	2	M	.75 " "
	11	3	F	.75 " "
	11	4	F	.90 " "
	11	1	M	1.05 " "
Average	11	10	.....	.84 " "
July 1874	11	3	M	.75 " "
	11	3	F	.75 " "
	11	4	F	.92 " "
	11	1	M	1.00 " "
	11	1	M	1.08 " "
Average	11	12	.....	.85½ " "
Jan. 1875	10	2	M	.75 " "
	10	5	F	.75 " "
	10	4	F	.90 " "
	10	1	M	1.00 " "
	10	1	M	1.10 " "
Average	10	13	.....	.84 " "
July 1875	10	1	M	.75 " "
	10	7	F	.75 " "
	10	1	M	.80 " "
	10	5	F	.90 " "
	10	1	M	1.00 " "
	10	1	M	1.10 " "
Average	10	16	.....	.83½ " "
Jan. 1876	10	6	F	.70 " "
	10	1	M	.75 " "
	10	1	M	.80 " "
	10	4	F	.80 " "
	10	1	M	.90 " "
Average	10	13	.....	.76 " "
July 1876	10	6	F	.70 " "
	10	1	M	.75 " "
	10	1	M	.80 " "
	10	4	F	.80 " "
	10	1	M	.90 " "
Average	10	13	.....	.76 " "
Jan. 1877	10	3	M	.70 " "
	10	7	F	.70 " "
	10	3	M	.75 " "
	10	4	F	.75 " "
Average	10	17	.....	.72 " "
July 1877	10	2	M	.70 " "
	10	4	F	.70 " "
	10	3	M	.75 " "
	10	5	F	.75 " "
Average	10	14	.....	.73 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CLOTH-ROOM HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878	10	2	M	$0.70 per day.
	10	7	F	.70 " "
	10	3	M	.75 " "
	10	5	F	.75 " "
Average	10	17	.....	.72½ " "
July 1878	10	1	M	.65 " "
	10	5	F	.65 " "
	10	3	M	.70 " "
	10	6	F	.70 " "
Average	10	15	.....	.68 " "
Jan. 1879	10	2	M	.65 " "
	10	4	F	.65 " "
	10	3	M	.70 " "
	10	6	F	.70 " "
	10	1	F	.75 " "
Average	10	16	.....	.68½ " "
July 1879	10	2	M	.65 " "
	10	4	F	.65 " "
	10	3	M	.70 " "
	10	6	F	.70 " "
	10	1	F	.75 " "
Average	10	16	.....	.68½ " "
Jan. 1880	10	1	M	.70 " "
	10	4	F	.70 " "
	10	4	M	.75 " "
	10	8	F	.75 " "
Average	10	17	.....	.73½ " "
July 1880	10	1	M	.70 " "
	10	4	F	.70 " "
	10	4	M	.75 " "
	10	8	F	.75 " "
Average	10	17	.....	.73½ " "
Jan. 1881	10	1	M	.70 " "
	10	5	F	.70 " "
	10	2	M	.75 " "
	10	7	F	.75 " "
	10	1	M	.85 " "
Average	10	16	.....	.73½ " "
July 1881	10	1	M	.70 " "
	10	5	F	.70 " "
	10	2	M	.75 " "
	10	7	F	.75 " "
	10	1	M	.85 " "
Average	10	16	.....	.73½ " "
Jan. 1882	10	2	M	.70 " "
	10	9	F	.70 " "
	10	2	M	.75 " "
	10	6	F	.75 " "
	10	1	M	1.25 " "
Average	10	20	.....	.74½ " "
Jnly 1882	10	2	M	.70 " "
	10	9	F	.70 " "
	10	2	M	.75 " "
	10	6	F	.75 " "
	10	1	M	1.25 " "
Average	10	20	.....	.74½ " "
Jan. 1883	10	1	M	$0.70 per day.
	10	2	M	.75 " "
	10	10	F	.75 " "
Average	10	13	.....	.74½ " "
Jnly 1883	10	1	M	.70 " "
	10	2	M	.75 " "
	10	10	F	.75 " "
Average	10	13	.....	.74½ " "
Jan. 1884	10	1	M	.70 " "
	10	2	M	.75 " "
	10	12	F	.75 " "
Average	10	15	.....	.74½ " "
July 1884	10	1	M	.70 " "
	10	2	M	.75 " "
	10	12	F	.75 " "
Average	10	15	.....	.74½ " "
Jan. 1885	10	1	M	.70 " "
	10	2	M	.75 " "
	10	8	F	.75 " "
Average	10	11	.....	.74½ " "
July 1885	10	1	M	.70 " "
	10	2	M	.75 " "
	10	8	F	.75 " "
Average	10	11	.....	.74½ " "
Jan. 1886	10	1	M	.70 " "
	10	2	M	.75 " "
	10	11	F	.75 " "
	10	1	M	1.00 " "
Average	10	15	.....	.76½ " "
July 1886	10	1	M	.70 " "
	10	2	M	.75 " "
	10	11	F	.75 " "
	10	1	M	1.00 " "
Average	10	15	.....	.76½ " "
Jan. 1887	10	1	M	.70 " "
	10	3	M	.75 " "
	10	13	F	.75 " "
	10	1	M	1.35 " "
	10	1	M	1.50 " "
Average	10	19	.....	.82 " "
July 1887	10	3	M	.75 " "
	10	13	F	.75 " "
	10	1	M	1.00 " "
	10	1	M	1.35 " "
	10	1	M	1.50 " "
Average	10	19	.....	.83½ " "
Jan. 1888	10	2	M	.75 " "
	10	13	F	.75 " "
	10	2	F	.80 " "
	10	3	M	.90 " "
	10	1	M	1.00 " "
	10	1	M	1.50 " "
Average	10	22	.....	.82 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CLOTH-ROOM HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1888	10	1	M	$0.75 per day.	July 1890	10	1	M	$0.72 per day.
	10	13	F	.75 " "		10	16	F	.72 " "
	10	2	F	.80 " "		10	3	F	.75 " "
	10	3	M	.90 " "		10	2	M	.90 " "
	10	2	M	1.00 " "		10	1	F	.90 " "
	10	1	M	1.50 " "		10	1	M	1.00 " "
						10	2	F	1.00 " "
Average	10	22	.....	.83 " "		10	1	M	1.25 " "
						10	1	M	1.35 " "
Jan. 1889	10	1	M	75 " "		10	1	M	2.00 " "
	10	13	F	.75 " "					
	10	2	M	1.00 " "	Average	10	29	.....	.85½ " "
	10	2	F	1.00 " "					
	10	1	M	1.25 " "	Jan. 1891	10	2	M	.72 " "
	10	1	M	1.55 " "		10	16	F	.72 " "
						10	1	M	.90 " "
Average	10	20	.....	.86½ " "		10	3	F	.90 " "
						10	2	M	1.00 " "
July 1889	10	1	M	.75 " "		10	2	F	1.00 " "
	10	13	F	.75 " "		10	1	M	1.22 " "
	10	2	M	1.00 " "		10	2	F	1.22 " "
	10	2	F	1.00 " "		10	1	M	1.32 " "
	10	1	M	1.25 " "		10	1	M	2.00 " "
	10	1	M	1.55 " "					
					Average	10	31	.....	.89 " "
Average	10	20	.....	.86½ " "					
					July 1891	10	2	M	.72 " "
Jan. 1890	10	1	M	.72 " "		10	15	F	.72 " "
	10	12	F	.72 " "		10	2	M	.90 " "
	10	4	F	.75 " "		10	3	F	.90 " "
	10	1	M	.90 " "		10	2	M	1.00 " "
	10	1	M	1.00 " "		10	2	F	1.00 " "
	10	2	F	1.00 " "		10	1	M	1.22 " "
	10	1	M	1.25 " "		10	2	F	1.22 " "
	10	1	M	1.35 " "		10	1	M	1.32 " "
	10	1	M	2.00 " "		10	1	M	2.00 " "
Average	10	24	.....	.87 " "	Average	10	31	.....	.89½ " "

DOFFERS.

Jan. 1856	12	4	M	.25 per day.	July 1858	12	13	M	.25 per day.
	12	3	M	.30 " "		12	4	M	.33 " "
	12	17	M	.33 " "		12	1	F	.33 " "
Average	12	24	M	.31½ " "	Average	12	18	.....	.27 " "
July 1856	12	1	M	.25 " "	Jan. 1859	12	9	M	.25 " "
	12	4	M	.30 " "		12	3	M	.33 " "
	12	28	M	.33 " "		12	1	F	.33 " "
Average	12	33	M	.32½ " "	Average	12	13	.....	.27½ " "
Jan. 1857	12	4	M	30 " "					
	12	21	M	.33 " "	July 1859	12	21	M	.25 " "
						12	1	F	.25 " "
Average	12	25	M	.32½ " "		12	1	M	.30 " "
						12	1	M	.33 " "
July 1857	12	1	M	.25 " "		12	2	F	.33 " "
	12	1	M	.30 " "		12	1	M	.38 " "
	12	22	M	.33 " "					
	12	1	F	.33 " "	Average	12	27	.....	.26½ " "
Average	12	25	.....	.32½ " "	Jan. 1860	12	2	M	.25 " "
						12	22	M	.30 " "
Jan. 1858	12	1	M	.25 " "		12	1	F	.30 " "
	12	2	M	.30 " "		12	1	M	.33 " "
	12	19	M	.33 " "		12	1	F	.33 " "
	12	2	F	.33 " "		12	2	M	.38 " "
Average	12	24	.....	.32½ " "	Average	12	29	.....	.30⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DOFFERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1860	12	3	M	$0.25 per day.
	12	21	M	.30 " "
	12	1	F	.30 " "
	12	2	M	.33 " "
	12	4	F	.33 " "
	12	1	M	.38 " "
	12	1	M	.40 " "
Average	12	33	.....	.30½ " "
Jan. 1861	11	22	M	.30 " "
	11	1	F	.30 " "
	11	1	M	.33 " "
	11	2	F	.33 " "
	11	1	M	.38 " "
	11	2	F	.38 " "
	11	1	M	.40 " "
Average	11	30	.....	.31½ " "
July 1861	11	7	M	.30 " "
	11	1	F	.30 " "
	11	6	M	.33 " "
	11	1	M	.38 " "
	11	2	F	.38 " "
	11	1	M	.40 " "
Average	11	18	.....	.33 " "
Jan. 1862	11	3	M	.25 " "
	11	10	M	.33 " "
	11	2	F	.33 " "
	11	1	M	.40 " "
Average	11	16	.....	.32 " "
July 1862	11	4	M	.33 " "
	11	1	F	.33 " "
	11	1	M	.40 " "
Average	11	6	.....	.34 " "
Jan. 1863	11	5	M	.25 " "
	11	1	F	.25 " "
	11	4	M	.33 " "
	11	3	F	.33 " "
Average	11	13	.....	.29½ " "
Jan. 1864	11	5	M	33 " "
	11	10	M	.40 " "
Average	11	15	M	.37½ " "
July 1864	11	5	M	.33 " "
	11	10	M	.40 " "
Average	11	15	M	.37½ " "
Jan. 1865	11	15	M	.40 " "
July 1865	11	14	M	.40 " "
	11	6	F	.40 " "
Average	11	20	.....	.40 " "
Jan. 1866	11	10	M	.50 " "
	11	6	F	.50 " "
Average	11	16	.....	.50 " "
July 1866	11	9	M	.50 " "
	11	8	F	.50 " "
Average	11	17	.....	.50 " "
Jan. 1867	11	4	F	$0.40 per day.
	11	2	M	.50 " "
	11	5	F	.50 " "
	11	2	M	.63 " "
	11	2	F	.63 " "
	11	8	M	.67 " "
	11	3	F	.67 " "
Average	11	26	.....	.57½ " "
July 1867	11	1	F	.40 " "
	11	9	M	.63 " "
	11	12	F	.63 " "
Average	11	22	.....	.62 " "
Jan. 1868	11	1	F	.50 " "
	11	4	M	.58 " "
	11	8	F	.63 " "
Average	11	13	.....	.60½ " "
July 1868	11	4	M	.58 " "
	11	8	F	.58 " "
	11	2	F	.63 " "
	11	1	F	.68 " "
Average	11	15	.....	.59½ " "
Jan. 1869	11	1	M	.58 " "
	11	4	F	.58 " "
	11	3	M	.60 " "
	11	2	F	.60 " "
	11	2	F	.63 " "
	11	1	F	.68 " "
Average	11	13	.....	.60½ " "
July 1869	11	1	M	.58 " "
	11	4	F	.58 " "
	11	3	M	.60 " "
	11	2	F	.60 " "
	11	1	F	.63 " "
Average	11	11	.....	.59½ " "
Jan. 1870	11	2	M	.50 " "
	11	3	F	.50 " "
	11	2	M	.60 " "
	11	2	F	.60 " "
Average	11	9	.....	.54½ " "
July 1870	11	2	M	.50 " "
	11	3	F	.50 " "
	11	2	M	.60 " "
	11	2	F	.60 " "
Average	11	9	.....	.54½ " "
Jan. 1871	11	10	M	.50 " "
	11	2	F	.50 " "
Average	11	12	.....	.50 " "
July 1871	11	10	M	.50 " "
	11	2	F	.50 " "
Average	11	12	.....	.50 " "
Jan. 1872	11	15	M	.50 " "
	11	5	F	.50 " "
Average	11	20	.....	.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DOFFERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1872	11	15	M	$0.50 per day.
	11	5	F	.50 " "
Average	11	20	.....	.50 " "
Jan. 1873	11	2	M	.40 " "
	11	7	M	.50 " "
	11	5	F	.50 " "
Average	11	14	.....	.48½ " "
July 1873	11	2	M	.40 " "
	11	7	M	.50 " "
	11	2	F	.50 " "
Average	11	11	.....	.48 " "
Jan. 1874	11	5	M	.40 " "
	11	5	M	.50 " "
	11	1	F	.50 " "
Average	11	11	.....	.45½ " "
July 1874	11	8	M	.40 " "
	11	3	M	.50 " "
	11	1	F	.50 " "
Average	11	12	.....	.43½ " "
Jan. 1875	10	1	M	.30 " "
	10	5	M	.35 " "
	10	2	M	.38 " "
	10	8	M	.40 " "
	10	1	M	.50 " "
Average	10	17	M	.38½ " "
July 1875	10	1	M	.30 " "
	10	5	M	.35 " "
	10	2	M	.38 " "
	10	5	M	.40 " "
	10	2	M	.45 " "
	10	2	M	.50 " "
Average	10	17	M	.39½ " "
Jan. 1876	10	5	M	.40 " "
	10	2	M	.45 " "
	10	5	M	.50 " "
Average	10	12	M	.45 " "
July 1876	10	3	M	.40 " "
	10	2	M	.45 " "
	10	6	M	.50 " "
Average	10	11	M	.46½ " "
Jan. 1877	10	3	M	.40 " "
	10	6	M	.50 " "
Average	10	9	M	.46½ " "
July 1877	10	4	M	.40 " "
	10	3	M	.45 " "
	10	2	M	.50 " "
Average	10	9	M	.44 " "
Jan. 1878	10	1	M	.40 " "
	10	6	M	.45 " "
	10	3	M	.50 " "
Average	10	10	M	.46 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1878	10	1	M	$0.40 per day.
	10	7	M	.45 " "
	10	1	M	.50 " "
Average	10	9	M	.45 " "
Jan. 1879	10	4	M	.30 " "
	10	6	M	.35 " "
	10	3	F	.35 " "
	10	1	M	.50 " "
Average	10	14	.....	.34½ " "
July 1879	10	6	M	.30 " "
	10	6	M	.35 " "
	10	3	F	.35 " "
	10	1	M	.60 " "
Average	10	16	.....	.34½ " "
Jan. 1880	10	4	M	.30 " "
	10	1	F	.30 " "
	10	6	M	.35 " "
	10	2	F	.35 " "
	10	2	M	.40 " "
	10	1	M	.60 " "
Average	10	16	.....	.35½ " "
July 1880	10	3	M	.30 " "
	10	1	F	.30 " "
	10	8	M	.35 " "
	10	5	F	.35 " "
	10	2	M	.40 " "
	10	1	M	.70 " "
Average	10	20	.....	.36½ " "
Jan. 1881	10	1	M	.30 " "
	10	1	F	.30 " "
	10	8	M	.35 " "
	10	6	F	.35 " "
	10	1	M	.70 " "
Average	10	17	.....	.36½ " "
July 1881	10	1	F	.30 " "
	10	5	M	.35 " "
	10	5	F	.35 " "
	10	1	M	.70 " "
Average	10	12	.....	.37½ " "
Jan. 1882	10	1	F	.30 " "
	10	8	M	.35 " "
	10	5	F	.35 " "
	10	1	M	.70 " "
Average	10	15	.....	.37 " "
July 1882	10	1	M	.30 " "
	10	6	M	.35 " "
	10	7	F	.35 " "
	10	1	M	.70 " "
Average	10	15	.....	.37 " "
Jan. 1883	10	1	M	.30 " "
	10	4	M	.35 " "
	10	9	F	.35 " "
Average	10	14	.....	.34½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DOFFERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	4	M	$0.35 per day.
	10	8	F	.35 " "
Average	10	12	.....	.35 " "
Jan. 1884	10	1	M	.30 " "
	10	4	M	.35 " "
	10	3	F	.35 " "
	10	6	M	.40 " "
	10	2	F	.40 " "
	10	1	M	.45 " "
	10	1	F	.45 " "
Average	10	18	.....	.38 " "
July 1884	10	1	M	.30 " "
	10	5	M	.35 " "
	10	3	F	.35 " "
	10	7	M	.40 " "
	10	2	F	.40 " "
	10	2	M	.45 " "
	10	1	F	.45 " "
	10	1	F	.50 " "
Average	10	22	.....	.39 " "
Jan. 1885	10	1	F	.35 " "
	10	5	M	.40 " "
	10	3	M	.45 " "
	10	1	F	.45 " "
	10	2	F	.50 " "
Average	10	12	.....	.43 " "
July 1885	10	1	F	.35 " "
	10	4	M	.40 " "
	10	2	M	.45 " "
	10	1	F	.45 " "
	10	3	F	.50 " "
	10	1	M	.55 " "
Average	10	12	.....	.44½ " "
Jan. 1886	10	1	F	.40 " "
	10	1	F	.45 " "
	10	3	F	.50 " "
	10	3	M	.55 " "
Average	10	8	.....	.50 " "
July 1886	10	1	F	.40 " "
	10	1	F	.45 " "
	10	2	F	.50 " "
	10	2	M	.55 " "
	10	1	F	.60 " "
Average	10	7	.....	.50½ " "
Jan. 1887	10	1	F	.40 " "
	10	2	F	.50 " "
	10	1	M	.60 " "
	10	1	F	.60 " "
	10	1	M	.80 " "
	10	1	M	.85 " "
	10	1	F	.90 " "
	10	1	M	.95 " "
Average	10	9	.....	.68 " "
July 1887	10	2	F	.50 " "
	10	1	F	.55 " "
	10	1	M	.60 " "
	10	1	F	.70 " "
	10	1	M	.80 " "
	10	1	M	.85 " "
July 1887—conc'd.	10	1	F	$0.90 per day.
	10	1	M	1.00 " "
Average	10	9	.....	.71 " "
Jan. 1888	10	1	F	.50 " "
	10	1	F	.55 " "
	10	1	F	.70 " "
	10	2	M	.75 " "
	10	1	M	.80 " "
	10	1	M	.85 " "
	10	1	M	1.00 " "
	10	1	F	1.00 " "
Average	10	9	.....	.76½ " "
July 1888	10	1	F	.50 " "
	10	1	F	.55 " "
	10	1	M	.75 " "
	10	1	M	.80 " "
	10	1	M	.90 " "
	10	2	M	1.00 " "
	10	1	F	1.00 " "
Average	10	8	.....	.81½ " "
Jan. 1889	10	1	F	.50 " "
	10	1	F	.55 " "
	10	1	M	.60 " "
	10	1	M	1.00 " "
Average	10	4	.....	.66½ " "
July 1889	10	3	F	.50 " "
	10	1	F	.52 " "
	10	1	M	.54 " "
	10	1	F	.55 " "
	10	1	M	.60 " "
	10	1	M	.90 " "
	10	1	F	.95 " "
	10	1	M	1.00 " "
	10	1	F	1.00 " "
Average	10	11	.....	.68½ " "
Jan. 1890	10	4	F	.50 " "
	10	1	M	.52 " "
	10	1	F	.52 " "
	10	1	M	.54 " "
	10	1	F	.55 " "
	10	1	M	.60 " "
	10	1	F	.60 " "
	10	1	M	.70 " "
	10	1	M	.75 " "
	10	1	M	.90 " "
	10	1	F	.95 " "
	10	2	M	1.00 " "
	10	2	F	1.00 " "
Average	10	18	.....	.70 " "
July 1890	10	3	M	.50 " "
	10	3	F	.50 " "
	10	1	M	.52 " "
	10	2	F	.52 " "
	10	1	M	.54 " "
	10	1	F	.55 " "
	10	1	F	.60 " "
	10	1	M	.70 " "
	10	2	M	.75 " "
	10	2	M	.90 " "
	10	1	F	.95 " "
	10	2	M	1.00 " "
	10	3	F	1.00 " "
Average	10	23	.....	.70½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DOFFERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891	10	4	M	$0.50 per day.	July 1891	10	4	M	$0.50 per day.
	10	4	F	.50 " "		10	4	F	.50 " "
	10	1	M	.52 " "		10	2	F	.52 " "
	10	2	F	.52 " "		10	1	M	.54 " "
	10	1	M	.54 " "		10	1	M	.55 " "
	10	1	F	.55 " "		10	1	F	.55 " "
	10	1	F	.60 " "		10	1	F	.60 " "
	10	1	M	.70 " "		10	2	M	.75 " "
	10	2	M	.75 " "		10	1	M	.80 " "
	10	1	M	.90 " "		10	1	M	.90 " "
	10	1	F	.95 " "		10	1	M	1.00 " "
	10	1	M	1.00 " "		10	3	F	1.00 " "
	10	3	F	1.00 " "					
Average	10	23	.....	.66½ " "	Average	10	22	.....	.66 " "

DRAWING HANDS.

Jan. 1840	14	1	F	.33 per day.	July 1843–conc'd.	14	1	F	.46 per day.
	14	2	F	.38 " "		14	1	F	.47 " "
	14	4	F	.40 " "	Average	14	21	.....	.41 " "
	14	9	F	.43 " "					
	14	1	F	.50 " "	Jan. 1844	14	4	F	.38 " "
Average	14	17	F	.41½ " "		14	12	F	.42 " "
						14	1	F	.44 " "
July 1841	14	1	F	.33 " "	Average	14	17	F	.41 " "
	14	1	F	.38 " "					
	14	1	M	.40 " "	July 1844	14	1	F	.38 " "
	14	2	F	.40 " "		14	9	F	.42 " "
	14	2	F	.42 " "		14	1	F	.47 " "
	14	3	F	.44 " "	Average	14	11	F	.42 " "
	14	1	F	.46 " "					
	14	3	F	.48 " "	Jan. 1845	14	3	F	.38 " "
	14	1	F	.49 " "		14	12	F	.42 " "
	14	5	F	.50 " "	Average	14	15	F	.41 " "
Average	14	20	.....	.45 " "					
					July 1845	14	1	F	.33 " "
Jan. 1842	14	1	F	.33 " "		14	6	F	.38 " "
	14	1	F	.38 " "		14	10	F	.42 " "
	14	3	F	.40 " "	Average	14	17	F	.40 " "
	14	5	F	.42 " "					
	14	3	F	.44 " "	Jan. 1846	14	7	F	.38 " "
	14	2	F	.46 " "		14	1	F	.40 " "
	14	1	M	.48 " "		14	1	F	.41 " "
	14	3	F	.48 " "		14	10	F	.42 " "
Average	14	19	.....	.43 " "	Average	14	19	F	.40½ " "
July 1842	14	4	F	.38 " "	July 1846	14	7	F	.38 " "
	14	2	F	.42 " "		14	11	F	.42 " "
	14	3	F	.44 " "	Average	14	18	F	.40½ " "
	14	2	F	.46 " "					
	14	3	F	.47 " "	Jan. 1847	14	7	F	.38 " "
	14	1	M	.48 " "		14	1	M	.42 " "
	14	1	F	.48 " "		14	2	F	.42 " "
Average	14	16	.....	.43½ " "		14	2	F	.44 " "
						14	1	M	.48 " "
Jan. 1843	14	1	F	.33 " "	Average	14	13	.....	.40½ " "
	14	4	F	.38 " "					
	14	1	M	.42 " "	July 1847	14	2	F	.38 " "
	14	11	F	.42 " "		14	9	F	.42 " "
	14	1	F	.46 " "		14	1	F	.44 " "
	14	1	F	.47 " "		14	1	F	.46 " "
Average	14	19	.....	.41 " "	Average	14	13	F	.42 " "
July 1843	14	7	F	.38 " "					
	14	10	F	.42 " "					
	14	1	M	.43 " "					
	14	1	F	.44 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRAWING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1848	14	1	F	$0.40 per day.
	14	10	F	.42 " "
	14	1	F	.44 " "
	14	1	F	.48 " "
Average	14	13	F	.42½ " "
July 1848	14	1	F	.38 " "
	14	1	M	.42 " "
	14	5	F	.42 " "
	14	1	M	.45 " "
	14	1	F	.46 " "
	14	1	F	.48 " "
	14	3	F	.50 " "
Average	14	13	.....	.44½ " "
Jan. 1849	14	1	M	.42 " "
	14	1	F	.42 " "
	14	1	F	.44 " "
	14	5	F	.46 " "
	14	1	F	.48 " "
Average	14	9	.....	.45 " "
July 1849	14	2	F	.38 " "
	14	1	M	.42 " "
	14	2	F	.42 " "
	14	1	M	.50 " "
	14	1	F	.50 " "
Average	14	7	.....	.43 " "
Jan. 1850	14	1	M	.34 " "
	14	2	F	.42 " "
	14	1	F	.46 " "
Average	14	4	.....	.41 " "
July 1850	14	4	F	.42 " "
	14	1	M	.44 " "
	14	1	F	.46 " "
	14	1	M	.50 " "
	14	1	F	.50 " "
Average	14	8	.....	.44½ " "
Jan. 1851	14	5	F	.38 " "
	14	2	F	.46 " "
	14	1	F	.47 " "
Average	14	8	F	.41 " "
July 1851	14	2	F	.42 " "
	14	3	F	.46 " "
Average	14	5	F	.44½ " "
Jan. 1852	12	1	F	.38 " "
	12	2	F	.46 " "
	12	1	F	.50 " "
Average	12	4	F	.45 " "
July 1852	12	1	F	.35 " "
	12	2	F	.40 " "
Average	12	3	F	.38½ " "
Jan. 1853	12	1	F	.38 " "
	12	1	M	.46 " "
	12	1	F	.46 " "
Average	12	3	.....	.43½ " "
July 1853	12	1	F	$0.38 per day.
	12	1	M	.46 " "
	12	1	F	.46 " "
Average	12	3	.....	.43½ " "
Jan. 1854	12	1	F	.38 " "
	12	1	M	.46 " "
	12	1	F	.46 " "
Average	12	3	.....	.43½ " "
July 1854	12	1	F	.38 " "
	12	1	M	.46 " "
	12	1	F	.46 " "
Average	12	3	.....	.43½ " "
Jan. 1855	12	1	F	.38 " "
	12	1	M	.46 " "
Average	12	2	.....	.42 " "
July 1855	12	2	F	.38 " "
	12	1	F	.42 " "
	12	1	M	.46 " "
	12	1	F	.46 " "
Average	12	5	.....	.42 " "
Jan. 1856	12	1	M	.38 " "
	12	1	F	.38 " "
	12	1	M	.42 " "
	12	2	F	.42 " "
	12	2	F	.46 " "
Average	12	7	.....	.42 " "
July 1856	12	3	F	.38 " "
	12	1	F	.40 " "
	12	4	F	.42 " "
	12	1	F	.46 " "
	12	1	F	.55 " "
Average	12	10	F	.42½ " "
Jan. 1857	12	1	M	.38 " "
	12	1	F	.38 " "
	12	2	M	.42 " "
	12	5	F	.42 " "
	12	2	M	.46 " "
	12	3	F	.46 " "
	12	1	F	.62 " "
Average	12	15	.....	.44 " "
July 1857	12	1	F	.33 " "
	12	2	M	.42 " "
	12	2	F	.42 " "
	12	1	F	.44 " "
	12	3	M	.46 " "
	12	6	F	.46 " "
	12	2	M	.50 " "
	12	1	F	.50 " "
	12	1	F	.52 " "
	12	2	M	.60 " "
	12	2	F	.60 " "
	12	1	F	.62 " "
	12	1	M	.70 " "
	12	1	M	.72 " "
	12	1	F	.90 " "
Average	12	27	.....	.51½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRAWING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1858	12	1	F	$0.40 per day.
	12	5	M	.42 " "
	12	6	F	.42 " "
	12	1	F	.44 " "
	12	1	M	.46 " "
	12	3	F	.46 " "
	12	1	F	.48 " "
	12	1	F	.52 " "
	12	1	M	.54 " "
	12	1	F	.54 " "
	12	1	M	.58 " "
	12	1	M	.60 " "
	12	2	F	.60 " "
	12	1	M	.65 " "
	12	1	F	.68 " "
	12	2	M	.75 " "
Average	12	29	.....	.50½ " "
July 1858	12	5	M	.42 " "
	12	4	F	.42 " "
	12	2	F	.44 " "
	12	1	M	.46 " "
	12	4	F	.46 " "
	12	1	M	.48 " "
	12	1	F	.48 " "
	12	1	M	.54 " "
	12	1	M	.58 " "
	12	1	M	.60 " "
	12	2	F	.60 " "
	12	1	M	.62 " "
	12	1	F	.62 " "
	12	1	M	.65 " "
	12	1	F	.65 " "
	12	1	F	.68 " "
	12	1	M	.75 " "
Average	12	29	.....	.51 " "
Jan. 1859	12	1	F	.38 " "
	12	1	M	.40 " "
	12	1	F	.40 " "
	12	2	M	.42 " "
	12	8	F	.42 " "
	12	2	M	.44 " "
	12	2	F	.44 " "
	12	1	M	.46 " "
	12	3	F	.46 " "
	12	1	M	.48 " "
	12	1	F	.48 " "
	12	1	M	.50 " "
	12	2	M	.58 " "
	12	1	M	.60 " "
	12	1	F	.60 " "
	12	2	M	.62 " "
	12	1	M	.70 " "
	12	1	F	.70 " "
	12	1	M	.80 " "
Average	12	33	.....	.49 " "
July 1859	12	1	F	.38 " "
	12	1	M	.40 " "
	12	1	F	.40 " "
	12	2	M	.42 " "
	12	8	F	.42 " "
	12	2	M	.44 " "
	12	2	F	.44 " "
	12	1	M	.46 " "
	12	3	F	.46 " "
	12	1	F	.48 " "
	12	2	M	.50 " "
	12	1	M	.58 " "
	12	2	M	.60 " "
	12	1	M	.61 " "
	12	1	M	.62 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1859–conc'd.	12	1	M	$0.63 per day.
	12	1	M	.65 " "
	12	1	F	.65 " "
	12	1	F	.68 " "
	12	1	M	.70 " "
	12	1	F	.72 " "
Average	12	35	.....	.50 " "
Jan. 1860	12	2	F	.38 " "
	12	10	F	.42 " "
	12	1	M	.44 " "
	12	2	F	.44 " "
	12	2	F	.46 " "
	12	1	F	.48 " "
	12	3	F	.50 " "
	12	1	M	.56 " "
	12	2	F	.63 " "
	12	1	M	.72 " "
	12	1	M	.79 " "
	12	1	M	.80 " "
Average	12	27	.....	49½ " "
July 1860	12	2	F	.38 " "
	12	10	F	.42 " "
	12	1	M	.44 " "
	12	2	F	.44 " "
	12	2	F	.46 " "
	12	1	F	.48 " "
	12	1	F	.50 " "
	12	1	F	.55 " "
	12	1	M	.56 " "
	12	1	F	.60 " "
	12	2	F	.63 " "
	12	1	M	.80 " "
	12	1	F	.80 " "
	12	1	M	.84 " "
Average	12	27	.....	.50½ " "
Jan. 1861	11	1	F	.38 " "
	11	1	M	.42 " "
	11	1	M	.46 " "
	11	2	F	.46 " "
	11	2	F	.50 " "
	11	1	M	.60 " "
	11	1	F	.60 " "
	11	1	F	.63 " "
	11	1	F	.80 " "
	11	1	M	.82 " "
	11	1	M	.84 " "
	11	1	F	1.00 " "
Average	11	14	.....	.60½ " "
July 1861	11	1	F	.38 " "
	11	1	M	.42 " "
	11	1	M	.46 " "
	11	2	F	.48 " "
	11	2	F	.50 " "
	11	1	M	.60 " "
	11	1	F	.60 " "
	11	1	F	.63 " "
	11	1	M	.82 " "
	11	1	M	.84 " "
	11	1	F	.85 " "
	11	1	F	1.06 " "
Average	11	14	.....	.61½ " "
Jan. 1862	11	1	F	.38 " "
	11	1	M	.42 " "
	11	1	M	.46 " "
	11	1	F	.50 " "
	11	1	F	.51 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRAWING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1862–cond.	11	3	F	$0.52 per day.
	11	1	M	.56 " "
	11	1	F	.57 " "
	11	1	F	.62 " "
	11	1	M	.65 " "
Average	11	12	.....	52 " "
July 1862	11	1	F	.45 " "
	11	1	F	.50 " "
	11	1	M	.56 " "
	11	1	F	.57 " "
	11	1	F	.60 " "
	11	1	F	.65 " "
	11	1	M	.68 " "
Average	11	7	.....	.57½ " "
Jan. 1863	11	2	F	.44 " "
	11	1	F	.50 " "
Average	11	3	F	.46 " "
July 1863	11	1	F	.52 " "
Jan. 1864	11	2	F	.40 " "
	11	1	F	.45 " "
	11	3	F	.50 " "
	11	1	F	.55 " "
	11	3	F	.60 " "
	11	1	M	.65 " "
	11	1	F	.70 " "
	11	1	M	.75 " "
	11	1	F	.80 " "
	11	1	F	.92 " "
Average	11	15	.....	.59½ " "
July 1864	11	1	F	.38 " "
	11	1	F	.40 " "
	11	1	F	.42 " "
	11	7	F	.50 " "
	11	1	F	.55 " "
	11	4	F	.60 " "
	11	1	M	.70 " "
	11	1	M	.75 " "
	11	1	F	.75 " "
	11	1	M	.80 " "
	11	1	F	.80 " "
	11	1	F	1.00 " "
Average	11	21	.....	.59½ " "
Jan. 1865	11	1	F	.40 " "
	11	1	F	.42 " "
	11	2	F	.45 " "
	11	1	F	.46 " "
	11	6	F	.50 " "
	11	3	F	.55 " "
	11	1	F	.58 " "
	11	4	F	.60 " "
	11	1	M	.75 " "
	11	2	M	.83 " "
	11	1	F	.83 " "
Average	11	23	.....	.56½ " "
July 1865	11	1	F	.40 " "
	11	8	F	.50 " "
	11	3	F	.55 " "
	11	3	F	.60 " "
	11	3	F	.65 " "
	11	1	F	.75 " "
	11	2	M	.83 " "
	11	1	M	.90 " "
	11	1	F	1.00 " "
Average	11	23	.....	.61½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1866	11	1	F	$0.45 per day.
	11	6	F	.50 " "
	11	3	F	.55 " "
	11	3	F	.60 " "
	11	5	F	.65 " "
	11	1	F	.92 " "
	11	4	M	1.00 " "
	11	1	F	1.00 " "
	11	1	M	1.21 " "
	11	1	F	1.21 " "
Average	11	26	.....	.71 " "
July 1866	11	5	F	.50 " "
	11	2	F	.52 " "
	11	1	F	.55 " "
	11	1	F	.58 " "
	11	2	F	.60 " "
	11	7	F	.65 " "
	11	1	M	.96 " "
	11	1	M	1.00 " "
	11	3	M	1.21 " "
	11	1	F	1.21 " "
	11	1	M	1.42 " "
Average	11	25	.....	.74⅓ " "
Jan. 1867	11	6	F	.50 " "
	11	1	F	.54 " "
	11	1	F	.55 " "
	11	3	F	.60 " "
	11	7	F	.65 " "
	11	1	M	.67 " "
	11	1	F	.75 " "
	11	2	F	.80 " "
	11	1	F	.83 " "
	11	1	M	1.00 " "
	11	1	M	1.04 " "
	11	1	M	1.05 " "
	11	1	M	1.25 " "
Average	11	27	.....	.69 " "
July 1867	11	5	F	.50 " "
	11	2	F	.52 " "
	11	1	F	.55 " "
	11	4	F	.60 " "
	11	6	F	.65 " "
	11	1	F	.75 " "
	11	1	M	.83 " "
	11	1	F	.84 " "
	11	1	F	.88 " "
	11	1	F	.96 " "
	11	1	M	1.04 " "
	11	1	M	1.05 " "
	11	1	M	1.16 " "
	11	1	M	1.33 " "
Average	11	27	.....	.71 " "
Jan. 1868	11	2	F	.45 " "
	11	2	F	.50 " "
	11	1	F	.54 " "
	11	2	F	.55 " "
	11	6	F	.60 " "
	11	3	F	.65 " "
	11	5	F	.75 " "
	11	2	F	.80 " "
	11	1	M	.83 " "
	11	2	F	.86 " "
	11	1	M	.96 " "
	11	1	F	.96 " "
	11	1	M	.97 " "
Average	11	29	.....	.68⅔ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRAWING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868	11	4	F	$0.50 per day.
	11	2	F	.54 " "
	11	7	F	.60 " "
	11	3	F	.65 " "
	11	5	F	.75 " "
	11	1	F	.80 " "
	11	1	F	.83 " "
	11	1	F	.85 " "
	11	1	M	.87 " "
	11	1	M	.92 " "
	11	1	F	.96 " "
	11	1	M	1.00 " "
Average	11	28	.....	.68½ " "
Jan. 1869	11	2	F	.50 " "
	11	1	F	.52 " "
	11	4	F	.55 " "
	11	1	F	.56 " "
	11	5	F	.60 " "
	11	3	F	.65 " "
	11	5	F	.70 " "
	11	1	F	.86 " "
	11	1	M	.88 " "
	11	1	M	.90 " "
	11	1	F	.90 " "
	11	1	F	.92 " "
Average	11	26	.....	.66 " "
July 1869	11	1	F	.45 " "
	11	1	M	.50 " "
	11	1	F	.50 " "
	11	1	F	.54 " "
	11	5	F	.55 " "
	11	1	F	.56 " "
	11	4	F	.60 " "
	11	3	F	.65 " "
	11	5	F	.70 " "
	11	1	F	.80 " "
	11	1	M	.88 " "
	11	1	M	.90 " "
	11	1	F	.93 " "
	11	1	F	.95 " "
Average	11	27	.....	.65 " "
Jan. 1870	11	1	F	.45 " "
	11	3	F	.50 " "
	11	1	F	.54 " "
	11	3	F	.55 " "
	11	2	F	.56 " "
	11	3	F	.60 " "
	11	6	F	.65 " "
	11	1	F	.70 " "
	11	1	F	.75 " "
	11	1	F	.83 " "
	11	1	F	.93 " "
	11	1	F	.94 " "
	11	2	M	1.00 " "
	11	1	F	1.00 " "
	11	1	M	1.10 " "
	11	1	M	1.50 " "
Average	11	29	.....	.71½ " "
July 1870	11	1	F	.50 " "
	11	1	F	.52 " "
	11	4	F	.55 " "
	11	3	F	.56 " "
	11	4	F	.60 " "
	11	6	F	.65 " "
	11	3	F	.70 " "
	11	1	F	.83 " "
	11	1	M	.94 " "
July 1870–conc'd.	11	1	F	$0.98 per day.
	11	1	M	1.05 " "
	11	1	M	1.12 " "
	11	1	M	1.15 " "
	11	1	M	1.20 " "
	11	1	M	1.50 " "
Average	11	30	.....	.73½ " "
Jan. 1871	11	1	F	.68 " "
	11	19	F	.75 " "
	11	1	M	.79 " "
	11	1	F	.88 " "
	11	1	F	.90 " "
	11	1	M	1.10 " "
	11	1	M	1.12 " "
	11	1	F	1.20 " "
	11	1	M	1.25 " "
	11	1	F	1.27 " "
	11	1	M	1.42 " "
	11	1	M	1.50 " "
Average	11	30	.....	.88 " "
July 1871	11	19	F	.75 " "
	11	1	M	.84 " "
	11	1	F	.87 " "
	11	1	F	.90 " "
	11	1	F	1.00 " "
	11	1	F	1.12 " "
	11	1	M	1.16 " "
	11	1	F	1.20 " "
	11	1	F	1.27 " "
	11	1	M	1.42 " "
Average	11	28	.....	.86 " "
Jan. 1872	11	16	F	.75 " "
	11	1	F	.80 " "
	11	1	F	.83 " "
	11	1	F	.90 " "
	11	1	F	1.00 " "
	11	1	M	1.16 " "
	11	1	F	1.20 " "
	11	1	M	2.00 " "
Average	11	23	.....	.86½ " "
July 1872	11	16	F	.75 " "
	11	1	F	.80 " "
	11	1	M	.86 " "
	11	1	F	.86 " "
	11	1	F	.90 " "
	11	1	F	1.00 " "
	11	1	F	1.09 " "
	11	1	F	1.10 " "
	11	1	M	1.16 " "
	11	1	F	1.20 " "
	11	1	F	1.33 " "
	11	1	M	2.22 " "
Average	11	27	.....	.91 " "
Jan. 1873	11	4	F	.60 " "
	11	13	F	.70 " "
	11	1	M	.90 " "
	11	1	M	1.00 " "
	11	3	F	1.00 " "
	11	2	F	1.08 " "
	11	1	F	1.10 " "
	11	1	F	1.16 " "
	11	1	F	1.50 " "
Average	11	27	.....	.82½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRAWING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873	11	1	F	$0.48 per day	Jan. 1876	10	4	F	$0.50 per day.
	11	8	F	.60 " "		10	4	F	.55 " "
	11	1	M	.65 " "		10	10	F	.60 " "
	11	6	F	.65 " "		10	1	F	.65 " "
	11	3	F	.70 " "		10	1	M	.68 " "
	11	1	F	.72 " "		10	1	F	.73 " "
	11	1	F	1.00 " "		10	1	F	.76 " "
	11	1	F	1.03 " "		10	2	F	.80 " "
	11	1	F	1.08 " "		10	1	F	.83 " "
	11	2	F	1.10 " "		10	2	F	1.00 " "
	11	1	M	1.14 " "					
	11	3	F	1.16 " "	Average	10	27	.....	.64½ " "
	11	1	F	1.62 " "					
					July 1876	10	1	F	.33 " "
Average	11	30	.....	.80½ " "		10	6	F	.50 " "
						10	11	F	.60 " "
Jan. 1874	11	3	F	.55 " "		10	1	F	.63 " "
	11	8	F	.60 " "		10	2	F	.65 " "
	11	6	F	.65 " "		10	1	F	.69 " "
	11	1	M	.66 " "		10	1	M	.70 " "
	11	1	M	.78 " "		10	1	F	.76 " "
	11	1	F	.82 " "		10	2	F	.80 " "
	11	1	F	.90 " "		10	1	F	.83 " "
	11	1	F	.94 " "		10	1	F	.92 " "
	11	2	F	.95 " "		10	1	F	1.00 " "
	11	1	M	.96 " "					
	11	1	F	1.00 " "	Average	10	29	.....	.63½ " "
Average	11	26	.....	.70½ " "	Jan. 1877	10	1	F	.40 " "
						10	1	F	.45 " "
July 1874	11	3	F	.50 " "		10	1	M	.50 " "
	11	1	F	.55 " "		10	3	F	.50 " "
	11	8	F	.60 " "		10	4	F	.55 " "
	11	6	F	.65 " "		10	1	F	.56 " "
	11	1	M	.68 " "		10	1	F	.58 " "
	11	1	M	.80 " "		10	10	F	.60 " "
	11	1	F	.86 " "		10	1	F	.65 " "
	11	1	F	.90 " "		10	1	F	.66 " "
	11	2	F	.95 " "		10	1	F	.70 " "
	11	1	F	.98 " "		10	1	F	.75 " "
	11	1	M	1.00 " "		10	2	F	.80 " "
	11	1	F	1.00 " "		10	1	F	1.00 " ".
Average	11	27	.....	.70 " "	Average	10	29	.....	.60½ " "
Jan. 1875	10	1	F	.40 " "	July 1877	10	1	F	.33 " "
	10	1	M	.50 " "		10	1	F	.45 " "
	10	2	F	.50 " "		10	1	M	.50 " "
	10	5	F	.55 " "		10	4	F	.50 " "
	10	8	F	.60 " "		10	1	F	.53 " "
	10	4	F	.65 " "		10	2	F	.55 " "
	10	1	F	.78 " "		10	13	F	.60 " "
	10	1	F	.80 " "		10	1	F	.66 " "
	10	1	F	.82 " "		10	1	F	.68 " "
	10	1	F	.90 " "		10	2	F	.75 " "
	10	1	M	1.00 " "		10	1	F	.80 " "
	10	1	F	1.04 " "		10	1	F	.86 " "
	10	1	F	1.10 " "		10	1	F	1.00 " "
Average	10	28	.....	.66 " "	Average	10	30	.....	.60½ " "
July 1875	10	1	M	.50 " "	Jan. 1878	10	1	F	.40 " "
	10	3	F	.50 " "		10	1	M	.50 " "
	10	6	F	.55 " "		10	4	F	.50 " "
	10	7	F	.60 " "		10	4	F	.55 " "
	10	1	F	.65 " "		10	11	F	.60 " "
	10	1	F	.66 " "		10	1	F	.70 " "
	10	1	F	.70 " "		10	1	F	.75 " "
	10	2	F	.75 " "		10	2	F	.80 " "
	10	3	F	.80 " "		10	1	F	1.12 " "
	10	1	F	.90 " "					
	10	1	M	1.00 " "	Average	10	26	.....	.61 " "
	10	1	F	1.06 " "					
	10	1	F	1.08 " "	July 1878	10	1	M	.50 " "
						10	5	F	.50 " "
Average	10	29	.....	.67 " "		10	4	F	.55 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRAWING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1878–conc'd.	10	10	F	$0.60 per day.
	10	1	F	.67 " "
	10	1	F	.68 " "
	10	2	F	.75 " "
	10	1	F	.83 " "
	10	1	F	.87 " "
	10	1	F	1.12 " "
Average	10	27	.....	.62½ " "
Jan. 1879	10	6	F	.40 " "
	10	1	M	.50 " "
	10	1	F	.50 " "
	10	1	F	.58 " "
	10	4	M	.60 " "
	10	7	F	.60 " "
	10	1	F	.63 " "
	10	1	F	.67 " "
	10	2	M	.70 " "
	10	3	F	.70 " "
	10	1	F	.74 " "
	10	2	F	.75 " "
	10	3	F	.80 " "
	10	1	F	.90 " "
	10	1	F	1.00 " "
Average	10	35	.....	.62½ " "
July 1879	10	1	F	.36 " "
	10	4	F	.40 " "
	10	2	F	.46 " "
	10	1	F	.47 " "
	10	1	M	.50 " "
	10	4	M	.60 " "
	10	7	F	.60 " "
	10	1	F	.62 " "
	10	1	F	.63 " "
	10	2	F	.68 " "
	10	2	M	.70 " "
	10	5	F	.70 " "
	10	2	F	.80 " "
	10	1	F	.82 " "
	10	1	F	.83 " "
	10	1	F	.86 " "
	10	2	F	.90 " "
	10	1	F	1.00 " "
Average	10	39	.....	.64 " "
Jan. 1880	10	6	F	.40 " "
	10	1	M	.50 " "
	10	4	M	.60 " "
	10	10	F	.60 " "
	10	2	M	.70 " "
	10	5	F	.70 " "
	10	3	F	.75 " "
	10	1	F	.80 " "
	10	2	F	.85 " "
	10	1	F	.86 " "
	10	4	F	.90 " "
	10	1	M	1.00 " "
	10	2	F	1.00 " "
Average	10	42	.....	.67½ " "
July 1880	10	5	F	.40 " "
	10	1	M	.50 " "
	10	4	F	.50 " "
	10	4	M	.60 " "
	10	7	F	.60 " "
	10	2	M	.70 " "
	10	2	F	.70 " "
	10	3	F	.75 " "
	10	4	F	.80 " "
	10	2	F	.85 " "
	10	1	F	.86 " "
July 1880–conc'd.	10	3	F	$0.90 per day.
	10	3	F	1.00 " "
	10	1	M	1.10 " "
Average	10	42	.....	.68½ " "
Jan. 1881	10	9	F	.40 " "
	10	1	M	.50 " "
	10	5	M	.60 " "
	10	11	F	.60 " "
	10	1	F	.65 " "
	10	3	M	.70 " "
	10	3	F	.70 " "
	10	2	F	.80 " "
	10	1	F	.85 " "
	10	8	F	.90 " "
	10	4	F	1.00 " "
Average	10	48	.....	.67 " "
July 1881	10	9	F	.40 " "
	10	1	M	.50 " "
	10	5	M	.60 " "
	10	11	F	.60 " "
	10	1	F	.65 " "
	10	2	M	.70 " "
	10	4	F	.70 " "
	10	2	F	.75 " "
	10	5	F	.90 " "
	10	6	F	1.00 " "
Average	10	46	.....	.66½ " "
Jan. 1882	10	4	F	.40 " "
	10	3	F	.45 " "
	10	1	M	.50 " "
	10	1	F	.50 " "
	10	2	F	.55 " "
	10	6	M	.60 " "
	10	8	F	.60 " "
	10	4	F	.70 " "
	10	2	F	.75 " "
	10	2	F	.80 " "
	10	2	F	.90 " "
	10	5	F	1.00 " "
Average	10	40	.....	.65½ " "
July 1882	10	5	F	.40 " "
	10	1	F	.45 " "
	10	1	M	.50 " "
	10	4	F	.50 " "
	10	1	F	.55 " "
	10	6	M	.60 " "
	10	6	F	.60 " "
	10	5	F	.70 " "
	10	2	F	.75 " "
	10	2	F	.80 " "
	10	1	F	.90 " "
	10	5	F	1.00 " "
Average	10	39	.....	.64½ " "
Jan. 1883	10	1	F	.40 " "
	10	3	M	.50 " "
	10	1	F	.50 " "
	10	4	M	.60 " "
	10	1	F	.60 " "
	10	1	M	.70 " "
	10	1	F	.75 " "
	10	2	F	.80 " "
	10	1	F	.85 " "
	10	3	F	.90 " "
	10	5	F	1.00 " "
	10	1	F	1.10 " "
	10	2	F	1.20 " "
Average	10	26	.....	.79 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRAWING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	1	F	$0.40 per day.
	10	3	M	.50 " "
	10	1	F	.50 " "
	10	4	M	.60 " "
	10	1	F	.60 " "
	10	1	F	.65 " "
	10	1	M	.70 " "
	10	1	F	.75 " "
	10	1	F	.80 " "
	10	1	F	.85 " "
	10	1	F	.90 " "
	10	1	F	.95 " "
	10	4	F	1.00 " "
	10	1	F	1.20 " "
	10	1	F	1.25 " "
Average	10	23	.....	.76 " "
Jan. 1884	10	1	F	.40 " "
	10	1	F	.45 " "
	10	2	M	.50 " "
	10	1	F	.50 " "
	10	6	M	.60 " "
	10	1	M	.65 " "
	10	1	F	.70 " "
	10	1	M	.75 " "
	10	1	F	.75 " "
	10	2	F	.80 " "
	10	1	F	.90 " "
	10	5	F	1.00 " "
	10	1	F	1.20 " "
	10	1	F	1.25 " "
Average	10	25	.....	.75 " "
July 1884	10	1	F	.40 " "
	10	1	F	.45 " "
	10	2	M	.50 " "
	10	1	F	.50 " "
	10	6	M	.60 " "
	10	1	M	.65 " "
	10	1	F	.70 " "
	10	1	M	.75 " "
	10	1	F	.75 " "
	10	1	F	.80 " "
	10	1	F	.90 " "
	10	6	F	1.00 " "
	10	1	F	1.25 " "
	10	1	F	1.35 " "
Average	10	25	.....	.76½ " "
Jan. 1885	10	2	F	.40 " "
	10	1	F	.45 " "
	10	2	M	.55 " "
	10	1	F	.55 " "
	10	4	M	.60 " "
	10	1	F	.80 " "
	10	1	F	.90 " "
	10	5	F	1.00 " "
	10	2	F	1.10 " "
Average	10	19	.....	.74½ " "
July 1885	10	2	F	.40 " "
	10	1	F	.45 " "
	10	1	M	.50 " "
	10	1	M	.55 " "
	10	4	M	.60 " "
	10	1	F	.60 " "
	10	1	F	.70 " "
	10	1	F	.90 " "
	10	5	F	1.00 " "
	10	2	F	1.10 " "
Average	10	19	.....	.74 " "
Jan. 1886	10	1	F	$0.45 per day.
	10	1	F	.50 " "
	10	1	F	.60 " "
	10	1	M	.70 " "
	10	1	F	.80 " "
	10	3	F	1.00 " "
	10	5	F	1.10 " "
Average	10	13	.....	.89 " "
July 1886	10	1	F	.45 " "
	10	1	F	.55 " "
	10	1	F	.60 " "
	10	1	M	.70 " "
	10	1	F	.80 " "
	10	3	F	1.00 " "
	10	3	F	1.10 " "
Average	10	11	.....	.85½ " "
Jan. 1887	10	1	F	.50 " "
	10	2	F	.55 " "
	10	2	M	.60 " "
	10	2	F	1.00 " "
	10	2	F	1.10 " "
	10	2	F	1.20 " "
	10	1	F	1.25 " "
Average	10	12	.....	.88½ " "
July 1887	10	1	F	.55 " "
	10	2	M	.60 " "
	10	2	F	.60 " "
	10	1	F	.80 " "
	10	2	F	1.00 " "
	10	1	F	1.10 " "
	10	2	F	1.20 " "
	10	1	M	1.25 " "
	10	1	F	1.25 " "
Average	10	13	.....	.90½ " "
Jan. 1888	10	1	F	.50 " "
	10	2	F	.55 " "
	10	3	M	.60 " "
	10	1	F	.60 " "
	10	3	M	.65 " "
	10	2	F	.65 " "
	10	1	F	.80 " "
	10	1	F	1.00 " "
	10	1	F	1.20 " "
	10	1	M	1.25 " "
	10	2	F	1.25 " "
Average	10	18	.....	.78 " "
July 1888	10	2	F	.55 " "
	10	3	M	.60 " "
	10	3	F	.60 " "
	10	3	M	.65 " "
	10	1	F	.65 " "
	10	1	F	.80 " "
	10	1	F	1.00 " "
	10	1	F	1.12 " "
	10	1	F	1.20 " "
	10	1	M	1.25 " "
	10	3	F	1.25 " "
Average	10	20	.....	.82 " "
Jan. 1889	10	1	F	.55 " "
	10	1	M	.60 " "
	10	3	F	.60 " "
	10	2	M	.65 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRAWING HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1889–conc'd.	10	1	F	$0.65 per day.	Jan. 1890–conc'd.	10	1	M	$1.25 per day.
	10	1	M	.70 " "		10	5	F	1.25 " "
	10	1	M	.80 " "	Average	10	18	.....	.98½ " "
	10	1	F	.80 " "					
	10	1	F	1.00 " "	July 1890	10	2	F	.55 " "
	10	2	F	1.20 " "		10	2	F	.60 " "
	10	1	M	1.25 " "		10	2	M	.65 " "
	10	3	F	1.25 " "		10	1	F	.65 " "
						10	1	M	.70 " "
Average	10	18	.....	.86½ " "		10	1	F	.70 " "
						10	1	F	.80 " "
July 1889	10	1	F	.55 " "		10	1	F	.90 " "
	10	1	M	.60 " "		10	2	F	1.00 " "
	10	1	F	.60 " "		10	1	M	1.20 " "
	10	2	M	.65 " "		10	2	F	1.20 " "
	10	2	F	.65 " "		10	1	M	1.25 " "
	10	1	M	.70 " "		10	4	F	1.25 " "
	10	1	F	.72 " "					
	10	1	M	.80 " "	Average	10	21	.....	.91½ " "
	10	1	F	.80 " "					
	10	1	M	1.00 " "	Jan. 1891	10	4	F	.70 " "
	10	2	F	1.00 " "		10	1	F	.80 " "
	10	2	F	1.20 " "		10	1	M	1.20 " "
	10	1	M	1.25 " "		10	4	F	1.20 " "
	10	5	F	1.25 " "		10	1	M	1.25 " "
						10	4	F	1.25 " "
Average	10	22	.....	.92 " "					
					Average	10	15	.....	1.05½ " "
Jan. 1890	10	2	F	.55 " "					
	10	2	M	.65 " "	July 1891	10	4	F	.70 " "
	10	1	M	.70 " "		10	1	F	.80 " "
	10	1	F	.70 " "		10	4	F	1.20 " "
	10	1	F	.80 " "		10	1	M	1.25 " "
	10	2	F	1.00 " "		10	3	F	1.25 " "
	10	1	M	1.20 " "					
	10	2	F	1.20 " "	Average	10	13	.....	1.03 " "

DRESSERS.

Jan. 1843	14	2	F	.58 per day.	July 1847	14	2	F	.42 per day.
July 1843	14	4	F	.58 " "	Jan. 1848	14	1	F	.58 " "
					July 1852	12	1	F	.45 " "
Jan. 1844	14	1	F	.38 " "					
	14	4	F	.58 " "	July 1857	12	1	F	.40 " "
	14	1	F	.71 " "		12	1	M	.60 " "
						12	1	F	.60 " "
Average	14	6	F	.57 " "		12	1	F	.66½ " "
						12	1	M	.70 " "
July 1844	14	1	F	.38 " "		12	1	F	.82 " "
	14	1	F	.71 " "		12	3	M	1.00 " "
						12	6	F	1.00 " "
Average	14	2	F	.54½ " "		12	1	M	1.08 " "
						12	1	F	1.10 " "
Jan. 1845	14	5	F	.38 " "		12	1	F	1.25 " "
	14	2	F	.42 " "					
	14	1	F	.48 " "	Average	12	18	.....	.90 " "
Average	14	8	F	.40½ " "	Jan. 1858	12	1	F	.48 " "
						12	1	M	.60 " "
July 1845	14	5	F	.38 " "		12	2	F	.70 " "
	14	1	F	.42 " "		12	1	M	.75 " "
	14	1	F	.48 " "		12	1	F	.75 " "
						12	1	F	.85 " "
Average	14	7	F	.40 " "		12	1	F	.90 " "
						12	2	M	1.00 " "
Jan. 1847	14	1	F	.21 " "		12	2	F	1.00 " "
	14	4	F	.38 " "		12	2	F	1.08 " "
	14	1	F	.45 " "		12	1	M	1.10 " "
Average	14	6	F	.36½ " "	Average	12	15	.....	.86½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRESSERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1858	12	1	F	$0.48 per day.
	12	1	F	.70 " "
	12	1	M	.75 " "
	12	1	F	.75 " "
	12	1	F	.80 " "
	12	1	F	.85 " "
	12	1	F	.90 " "
	12	2	M	1.00 " "
	12	2	F	1.00 " "
	12	2	F	1.08 " "
	12	1	M	1.10 " "
Average	12	14	.....	.89 " "
Jan. 1859	12	1	F	.50 " "
	12	2	F	.75 " "
	12	1	F	.80 " "
	12	1	F	.85 " "
	12	2	M	1.00 " "
	12	1	F	1.00 " "
	12	1	F	1.02 " "
	12	1	F	1.08 " "
	12	1	F	1.10 " "
Average	12	11	.....	.89½ " "
July 1859	12	1	F	.50 " "
	12	1	F	.96 " "
	12	1	F	1.00 " "
	12	1	F	1.02 " "
	12	1	F	1.08 " "
	12	1	M	1.10 " "
	12	1	F	1.10 " "
Average	12	7	.....	.95½ " "
Jan. 1860	12	1	M	.74 " "
	12	1	F	.84 " "
	12	1	F	.90 " "
	12	1	F	1.00 " "
	12	4	F	1.10 " "
	12	1	F	1.16 " "
	12	1	M	1.22 " "
	12	1	F	1.23 " "
Average	12	11	.....	1.04½ " "
July 1860	12	1	M	.74 " "
	12	1	F	.85 " "
	12	1	F	1.00 " "
	12	4	F	1.10 " "
	12	1	F	1.12 " "
	12	1	F	1.16 " "
	12	1	M	1.22 " "
	12	1	F	1.25 " "
	12	1	F	1.38 " "
Average	12	12	.....	1.09½ " "
Jan. 1861	11	1	F	.84 " "
	11	2	M	.86 " "
	11	1	F	1.06 " "
	11	1	F	1.10 " "
	11	1	F	1.12 " "
	11	1	F	1.17 " "
	11	1	F	1.20 " "
	11	1	M	1.24 " "
	11	1	F	1.25 " "
	11	1	F	1.30 " "
Average	11	11	.....	1.09 " "
July 1861	11	1	F	.85 " "
	11	2	M	.90 " "
	11	2	F	1.12 " "
	11	1	F	1.17 " "
July 1861—conc'd.	11	1	F	$1.18 per day.
	11	1	M	1.20 " "
	11	2	F	1.20 " "
Average	11	10	.....	1.08½ " "
Jan. 1862	11	1	F	.40 " "
	11	1	F	.46 " "
	11	1	M	.68 " "
	11	1	F	.82 " "
	11	1	F	.89 " "
	11	2	F	.90 " "
	11	1	M	1.04 " "
Average	11	8	.....	.76 " "
July 1862	11	1	F	.48 " "
	11	1	F	.50 " "
	11	1	M	.70 " "
	11	1	F	.80 " "
	11	1	F	.88 " "
	11	1	F	.90 " "
	11	1	F	.92 " "
	11	1	M	1.06 " "
Average	11	8	.....	.78 " "
Jan. 1863	11	1	F	.45 " "
	11	1	F	.46 " "
	11	1	F	.82 " "
	11	1	M	.86 " "
Average	11	4	.....	.64½ " "
July 1863	11	1	F	.44 " "
	11	1	F	.46 " "
	11	1	F	.86 " "
	11	1	M	.90 " "
Average	11	4	.....	.66½ " "
Jan. 1864	11	1	F	.67 " "
	11	1	M	.85 " "
	11	1	M	1.00 " "
	11	1	F	1.01 " "
	11	1	F	1.04 " "
	11	1	F	1.34 " "
	11	1	F	1.50 " "
Average	11	7	.....	1.06 " "
July 1864	11	1	F	.67 " "
	11	1	M	.90 " "
	11	1	F	1.03 " "
	11	1	M	1.06 " "
	11	1	F	1.08 " "
	11	1	F	1.30 " "
	11	1	F	1.50 " "
Average	11	7	.....	1.07½ " "
Jan. 1865	11	2	M	.58 " "
	11	2	F	.58 " "
	11	1	F	.67 " "
	11	3	F	.83 " "
	11	1	M	1.00 " "
	11	1	F	1.00 " "
	11	1	F	1.42 " "
	11	2	F	1.50 " "
Average	11	13	.....	.91½ " "
July 1865	11	1	F	.58 " "
	11	1	F	.60 " "
	11	2	M	.67 " "
	11	1	F	.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRESSERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1865–conc'd.	11	2	F	$0.83 per day.
	11	1	F	.90 " "
	11	1	M	.92 " "
	11	1	F	1.00 " "
	11	1	M	1.20 " "
	11	1	F	1.42 " "
	11	3	F	1.50 " "
Average	11	15	.....	.99 " "
Jan. 1866	11	1	F	.72 " "
	11	1	M	.92 " "
	11	1	F	.92 " "
	11	2	M	1.00 " "
	11	5	F	1.00 " "
	11	1	M	1.21 " "
	11	1	M	1.33 " "
	11	1	F	1.33 " "
	11	1	F	1.60 " "
	11	2	F	2.00 " "
Average	11	16	.....	1.19 " "
July 1866	11	2	M	1.00 " "
	11	1	F	1.00 " "
	11	2	M	1.04 " "
	11	1	F	1.04 " "
	11	1	M	1.21 " "
	11	1	F	1.21 " "
	11	1	M	1.25 " "
	11	1	M	1.46 " "
	11	2	F	1.50 " "
	11	2	F	2.00 " "
Average	11	14	.....	1.30½ " "
Jan. 1867	11	1	F	.75 " "
	11	1	F	1.18 " "
	11	1	F	1.25 " "
	11	2	M	1.33 " "
	11	1	F	1.60 " "
	11	2	F	2.00 " "
	11	1	M	2.05 " "
	11	1	F	2.10 " "
Average	11	10	.....	1.56 " "
July 1867	11	1	F	.87 " "
	11	1	F	1.12 " "
	11	2	M	1.33 " "
	11	1	F	1.50 " "
	11	1	F	1.60 " "
	11	1	F	1.83 " "
	11	2	F	2.00 " "
	11	1	M	2.05 " "
	11	1	F	2.10 " "
Average	11	11	.....	1.61 " "
Jan. 1868	11	2	F	1.00 " "
	11	1	F	1.10 " "
	11	1	F	1.14½ " "
	11	1	F	1.59 " "
	11	1	F	1.75 " "
	11	1	F	1.92 " "
	11	1	M	1.98 " "
	11	2	M	2.00 " "
	11	1	F	2.00 " "
	11	1	F	2.10 " "
Average	11	12	.....	1.63 " "
July 1868	11	2	F	1.00 " "
	11	1	F	1.03 " "
	11	1	F	1.12 " "
	11	1	F	1.33 " "
July 1868–conc'd.	11	1	F	$1.64½ per day.
	11	1	F	1.75 " "
	11	1	F	1.80 " "
	11	1	F	1.92½ " "
	11	3	M	2.00 " "
	11	1	F	2.32 " "
Average	11	13	.....	1.61 " "
Jan. 1869	11	1	F	.96 " "
	11	1	F	1.70 " "
	11	1	F	1.86 " "
	11	2	M	2.00 " "
Average	11	5	.....	1.70½ " "
July 1869	11	1	F	.94 " "
	11	1	M	2.00 " "
	11	1	F	2.00 " "
Average	11	3	.....	1.64½ " "
Jan. 1870	11	1	F	.92 " "
	11	2	M	2.00 " "
	11	1	F	2.00 " "
	11	2	M	2.25 " "
Average	11	6	.....	1.90½ " "
July 1870	11	1	F	.96 " "
	11	1	M	2.00 " "
	11	2	M	2.25 " "
Average	11	4	.....	1.86½ " "
Jan. 1871	11	1	M	1.75 " "
	11	1	M	2.00 " "
	11	2	M	2.25 " "
Average	11	4	M	2.06½ " "
July 1871	11	1	M	1.25 " "
	11	1	M	1.50 " "
	11	1	M	2.00 " "
	11	1	M	2.25 " "
Average	11	4	M	1.75 " "
Jan. 1872	11	2	M	1.75 " "
	11	1	M	2.25 " "
Average	11	3	M	1.91½ " "
July 1872	11	3	M	1.75 " "
	11	1	F	1.75 " "
	11	1	M	2.25 " "
Average	11	5	.....	1.85 " "
Jan. 1873	11	1	F	.83 " "
	11	1	M	1.75 " "
	11	1	F	1.75 " "
	11	2	M	2.25 " "
Average	11	5	.....	1.76½ " "
July 1873	11	1	F	1.00 " "
	11	1	M	1.40 " "
	11	2	M	1.75 " "
	11	1	M	2.00 " "
	11	2	M	2.25 " "
Average	11	7	.....	1.77 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRESSERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1874	11	1	F	$0.60 per day.
	11	2	M	1.40 " "
	11	2	M	2.00 " "
	11	1	M	2.25 " "
Average	11	6	.....	1.61 " "
July 1874	11	1	F	.68 " "
	11	2	M	1.40 " "
	11	2	M	2.00 " "
	11	1	M	2.25 " "
Average	11	6	.....	1.62 " "
Jan. 1875	10	1	F	.60 " "
	10	1	M	1.00 " "
	10	1	M	1.40 " "
	10	2	M	2.00 " "
Average	10	5	.....	1.40 " "
July 1875	10	1	F	.60 " "
	10	2	M	.70 " "
	10	2	M	1.10 " "
	10	2	M	2.00 " "
Average	10	7	.....	1.17 " "
Jan. 1876	10	1	F	.60 " "
	10	1	M	.70 " "
	10	1	M	.92 " "
	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	2	M	1.80 " "
Average	10	7	.....	1.13 " "
July 1876	10	1	F	.60 " "
	10	1	M	.70 " "
	10	2	M	1.00 " "
	10	1	M	1.10 " "
	10	2	M	1.80 " "
Average	10	7	.....	1.14½ " "
Jan. 1877	10	1	F	.60 " "
	10	1	M	.70 " "
	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
	10	2	M	1.60 " "
Average	10	7	.....	1.11⅓ " "
July 1877	10	1	F	.60 " "
	10	1	M	.70 " "
	10	2	M	1.00 " "
	10	2	M	1.60 " "
Average	10	6	.....	1.08½ " "
Jan. 1878	10	1	F	.60 " "
	10	1	M	.70 " "
	10	1	F	.80 " "
	10	2	M	1.00 " "
	10	1	M	1.20 " "
	10	2	M	1.60 " "
Average	10	8	.....	1.06½ " "
July 1878	10	1	F	.60 " "
	10	1	M	.80 " "
	10	1	F	.80 " "
	10	2	M	1.00 " "
	10	1	M	1.20 " "
	10	2	M	1.60 " "
Average	10	8	.....	1.07½ " "
Jan. 1879	10	1	M	$0.50 per day.
	10	1	F	.50 " "
	10	1	M	.60 " "
	10	2	M	1.00 " "
	10	2	M	1.50 " "
Average	10	7	.....	.94½ " "
July 1879	10	1	M	.50 " "
	10	1	F	.59 " "
	10	1	M	.60 " "
	10	2	M	1.00 " "
	10	2	M	1.50 " "
Average	10	7	.....	.94½ " "
Jan. 1880	10	1	M	.40 " "
	10	1	F	.55 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	2	M	1.60 " "
Average	10	8	.....	.95½ " "
July 1880	10	1	M	.55 " "
	10	1	F	.60 " "
	10	1	M	.65 " "
	10	2	M	1.10 " "
	10	2	M	1.60 " "
Average	10	7	.....	1.03 " "
Jan. 1881	10	2	F	.70 " "
	10	1	M	1.00 " "
	10	2	M	1.10 " "
	10	2	M	1.60 " "
Average	10	7	.....	1.11½ " "
July 1881	10	1	F	.60 " "
	10	1	F	.70 " "
	10	1	F	.80 " "
	10	3	M	1.10 " "
	10	1	M	1.25 " "
	10	2	M	1.60 " "
Average	10	9	.....	1.09½ " "
Jan. 1882	10	1	F	.60 " "
	10	2	F	.80 " "
	10	2	M	1.10 " "
	10	1	M	1.25 " "
	10	2	M	1.60 " "
Average	10	8	.....	1.10½ " "
July 1882	10	1	F	.60 " "
	10	1	F	.90 " "
	10	2	M	1.10 " "
	10	1	M	1.25 " "
	10	3	M	1.60 " "
Average	10	8	.....	1.22 " "
Jan. 1883	10	1	M	1.00 " "
	10	1	F	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.25 " "
	10	1	M	1.60 " "
	10	1	M	2.00 " "
Average	10	6	.....	1.32½ " "
July 1883	10	1	M	.85 " "
	10	2	F	1.00 " "
	10	1	M	1.10 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRESSERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883–conc'd.	10	1	M	$1.15 per day.	July 1887–conc'd.	10	1	M	$1.50 per day.
	10	1	M	1.50 " "		10	2	M	1.55 " "
	10	1	M	1.60 " "	Average	10	6	M	1.35 " "
	10	1	M	2.00 " "					
Average	10	8	.....	1.27½ " "	Jan. 1888	10	1	M	1.00 " "
						10	1	M	1.10 " "
Jan. 1884	10	1	M	.90 " "		10	1	M	1.40 " "
	10	1	F	1.00 " "		10	3	M	1.55 " "
	10	1	M	1.10 " "					
	10	1	M	1.15 " "	Average	10	6	M	1.36 " "
	10	1	F	1.20 " "					
	10	2	M	1.60 " "	July 1888	10	1	M	1.00 " "
	10	1	M	2.00 " "		10	1	M	1.10 " "
						10	1	M	1.40 " "
Average	10	8	.....	1.32 " "		10	3	M	1.55 " "
July 1884	10	1	M	.90 " "	Average	10	6	M	1.36 " "
	10	1	F	1.00 " "					
	10	1	M	1.10 " "	Jan. 1889	10	1	M	1.40 " "
	10	1	M	1.15 " "		10	4	M	1.55 " "
	10	1	F	1.20 " "		10	3	M	2.35 " "
	10	2	M	1.60 " "					
	10	1	M	2.00 " "	Average	10	8	M	1.83 " "
Average	10	8	.....	1.32 " "	July 1889	10	1	M	1.10 " "
						10	1	M	1.40 " "
Jan. 1885	10	1	M	1.00 " "		10	4	M	1.55 " "
	10	1	F	1.00 " "		10	7	M	2.35 " "
	10	1	M	1.10 " "					
	10	1	F	1.20 " "	Average	10	13	M	1.93½ " "
	10	2	M	1.50 " "					
	10	1	M	1.60 " "	Jan. 1890	10	1	M	1.10 " "
						10	5	M	1.55 " "
Average	10	7	.....	1.27 " "		10	7	M	2.35 " "
July 1885	10	1	M	1.10 " "	Average	10	13	M	1.94½ " "
	10	1	F	1.20 " "					
	10	1	M	1.25 " "	July 1890	10	1	M	1.20 " "
	10	2	M	1.50 " "		10	5	M	1.55 " "
	10	1	M	1.60 " "		10	7	M	2.35 " "
Average	10	6	.....	1.36 " "	Average	10	13	M	1.95½ " "
Jan. 1886	10	1	M	1.10 " "	Jan. 1891	10	5	M	1.55 " "
	10	1	F	1.20 " "		10	1	M	1.60 " "
	10	3	M	1.59 " "		10	1	M	1.80 " "
						10	1	M	1.90 " "
Average	10	5	.....	1.36 " "		10	4	M	2.00 " "
						10	1	M	2.03 " "
July 1886	10	1	M	1.10 " "		10	1	M	2.25 " "
	10	1	F	1.20 " "		10	4	M	2.35 " "
	10	3	M	1.50 " "		10	4	M	2.50 " "
Average	10	5	.....	1.36 " "	Average	10	22	M	2.03½ " "
					July 1891	10	1	M	1.20 " "
Jan. 1887	10	1	M	1.10 " "		10	4	M	1.55 " "
	10	1	F	1.20 " "		10	1	M	1.90 " "
	10	1	M	1.50 " "		10	4	M	2.00 " "
	10	2	M	1.55 " "		10	1	M	2.03 " "
						10	1	M	2.15 " "
Average	10	5	.....	1.38 " "		10	2	M	2.35 " "
						10	4	M	2.50 " "
July 1887	10	1	M	1.00 " "		10	2	M	2.60 " "
	10	1	M	1.10 " "					
	10	1	M	1.40 " "	Average	10	20	M	2.07 " "

ENGINEERS.

Jan. 1840	14	1	M	2.00 per day.	Jan. 1843	14	1	M	2.00 per day.
July 1840	14	1	M	2.00 " "	July 1843	14	1	M	2.00 " "
Jan. 1841	14	1	M	2.00 " "	Jan. 1844	14	1	M	2.00 " "
July 1841	14	1	M	2.00 " "	July 1844	14	1	M	2.00 " "
Jan. 1842	14	1	M	2.00 " "	Jan. 1845	14	1	M	2.25 " "
July 1842	14	1	M	2.00 " "	July 1845	14	1	M	2.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ENGINEERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1846	14	1	M	$2.25 per day.
July 1846	14	1	M	2.25 " "
Jan. 1847	14	1	M	2.25 " "
July 1847	14	1	M	2.25 " "
Jan. 1848	14	1	M	2.25 " "
July 1848	14	1	M	2.25 " "
Jan. 1849	14	1	M	2.25 " "
July 1849	14	1	M	2.25 " "
Jan. 1850	14	1	M	2.25 " "
July 1850	14	1	M	2.25 " "
Jan. 1851	14	1	M	2.25 " "
July 1851	14	1	M	2.25 " "
Jan. 1852	12	1	M	2.25 " "
July 1852	12	1	M	2.25 " "
Jan. 1853	12	1	M	2.50 " "
July 1853	12	1	M	2.50 " "
Jan. 1854	12	1	M	2.50 " "
July 1854	12	1	M	2.50 " "
Jan. 1855	12	1	M	2.50 " "
July 1855	12	1	M	2.50 " "
Jan. 1856	12	1	M	2.50 " "
July 1856	12	1	M	2.75 " "
Jan. 1857	12	1	M	2.75 " "
July 1857	12	1	M	2.75 " "
Jan. 1858	12	1	M	2.75 " "
July 1858	12	1	M	2.75 " "
Jan. 1859	12	1	M	2.75 " "
July 1859	12	1	M	3.00 " "
Jan. 1860	12	1	M	3.00 " "
July 1860	12	1	M	3.00 " "
Jan. 1861	11	1	M	3.00 " "
July 1861	11	1	M	3.00 " "
Jan. 1862	11	1	M	3.00 " "
July 1862	11	1	M	3.00 " "
Jan. 1863	11	1	M	3.00 " "
July 1863	11	1	M	3.00 " "
Jan. 1864	11	1	M	2.50 " "
	11	1	M	3.00 " "
Average	11	2	M	2.75 " "
July 1864	11	1	M	2.50 " "
	11	1	M	3.00 " "
Average	11	2	M	2.75 " "
Jan. 1865	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	2	M	2.87½ " "
July 1865	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	2	M	2.87½ " "
Jan. 1866	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	2	M	2.87½ " "
July 1866	11	2	M	3.00 " "
Jan. 1867	11	2	M	3.00 " "
July 1867	11	2	M	3.00 " "
Jan. 1868	11	2	M	3.00 " "
July 1868	11	2	M	3.00 " "
Jan. 1869	11	1	M	2.50 " "
	11	2	M	3.00 " "
Average	11	3	M	2.83½ " "
July 1869	11	1	M	2.50 " "
	11	2	M	3.00 " "
Average	11	3	M	2.83½ " "
Jan. 1870	11	1	M	2.50 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	3	M	2.75 " "
July 1870	11	1	M	$2.50 per day.
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	3	M	2.75 " "
Jan. 1871	11	1	M	2.50 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	3	M	2.75 " "
July 1871	11	1	M	2.50 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	3	M	2.75 " "
Jan. 1872	11	1	M	2.75 " "
	11	2	M	3.00 " "
Average	11	3	M	2.91½ " "
July 1872	11	1	M	2.75 " "
	11	2	M	3.00 " "
Average	11	3	M	2.91½ " "
Jan. 1873	11	1	M	2.75 " "
	11	2	M	3.00 " "
Average	11	3	M	2.91½ " "
July 1873	11	1	M	2.75 "
	11	2	M	3.00 "
Average	11	3	M	2.91½ " "
Jan. 1874	11	2	M	2.75 " "
	11	1	M	3.00 " "
Average	11	3	M	2.83½ " "
July 1874	11	1	M	2.75 " "
	11	2	M	3.00 " "
Average	11	3	M	2.91½ " "
Jan. 1875	10	3	M	3.00 " "
July 1875	10	3	M	3.00 " "
Jan. 1876	10	3	M	3.00 " "
July 1876	10	3	M	3.00 " "
Jan. 1877	10	2	M	3.00 " "
	10	1	M	3.25 " "
Average	10	3	M	3.08½ " "
July 1877	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	3	M	3.00 " "
Jan. 1878	10	2	M	3.00 " "
	10	1	M	3.25 " "
Average	10	3	M	3.08½ " "
July 1878	10	1	M	3.00 " "
	10	2	M	3.25 " "
Average	10	3	M	3.08½ " "
Jan. 1879	10	1	M	3.50 " "
July 1879	10	1	M	3.50 " "
Jan. 1880	10	1	M	3.50 " "
July 1880	10	1	M	3.50 " "
Jan. 1881	10	1	M	3.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ENGINEERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1881	10	1	M	$3.50 per day.	Jan. 1887	10	1	M	$4.25 per day.
Jan. 1882	10	1	M	3.72 " "	July 1887	10	1	M	4.25 " "
July 1882	10	1	M	3.72 " "	Jan. 1888	10	1	M	4.25 " "
Jan. 1883	10	1	M	4.00 " "	July 1888	10	1	M	4.25 " "
July 1883	10	1	M	4.00 " "	Jan. 1889	10	1	M	4.25 " "
Jan. 1884	10	1	M	4.00 " "	July 1889	10	1	M	4.25 " "
July 1884	10	1	M	4.00 " "	Jan. 1890	10	1	M	4.25 " "
Jan. 1885	10	1	M	4.00 " "	July 1890	10	1	M	4.25 " "
July 1885	10	1	M	4.00 " "	Jan. 1891	10	1	M	4.25 " "
Jan. 1886	10	1	M	4.25 " "	July 1891	10	1	M	4.25 " "
July 1886	10	1	M	4.25 " "					

FIREMEN.

Jan. 1840	14	1	M	1.25 per day.	July 1849	14	1	M	1.25 per day.
Jan. 1841	14	1	M	1.25 " "		14	2	M	1.35 " "
July 1841	14	1	M	1.25 " "	Average	14	3	M	1.31½ " "
Jan. 1842	14	1	M	1.25 " "					
July 1842	14	1	M	1.25 " "	Jan. 1850	14	2	M	1.35 " "
					July 1850	14	2	M	1.35 " "
Jan. 1843	14	1	M	1.25 " "	Jan. 1851	14	2	M	1.35 " "
	14	1	M	1.30 " "					
					July 1851	14	1	M	1.35 " "
Average	14	2	M	1.27½ " "		14	1	M	1.40 " "
					Average	14	2	M	1.37½ " "
July 1843	14	1	M	1.25 " "					
	14	1	M	1.30 " "	Jan. 1852	12	1	M	1.35 " "
						12	1	M	1.40 " "
Average	14	2	M	1.27½ " "					
					Average	12	2	M	1.37½ " "
Jan. 1844	14	1	M	1.25 " "					
	14	1	M	1.30 " "	July 1852	12	2	M	1.35 " "
Average	14	2	M	1.27½ " "	Jan. 1853	12	1	M	1.40 " "
						12	1	M	1.50 " "
July 1844	14	1	M	1.25 " "					
	14	1	M	1.30 " "	Average	12	2	M	1.45 " "
Average	14	2	M	1.27½ " "	July 1853	12	1	M	1.40 " "
						12	1	M	1.50 " "
Jan. 1845	14	1	M	1.25 " "					
	14	1	M	1.30 " "	Average	12	2	M	1.45 " "
Average	14	2	M	1.27½ " "	Jan. 1854	12	1	M	1.42 " "
						12	1	M	1.45 " "
July 1845	14	2	M	1.30 " "					
					Average	12	2	M	1.43½ " "
Jan. 1846	14	1	M	1.30 " "					
	14	1	M	1.35 " "	July 1854	12	1	M	1.40 " "
						12	1	M	1.45 " "
Average	14	2	M	1.32½ " "					
					Average	12	2	M	1.42½ " "
July 1846	14	1	M	1.30 " "					
	14	1	M	1.35 " "	Jan. 1855	12	1	M	1.45 " "
						12	1	M	1.50 " "
Average	14	2	M	1.32½ " "					
					Average	12	2	M	1.47½ " "
Jan. 1847	14	1	M	1.35 " "					
July 1847	14	1	M	1.30 " "	July 1855	12	1	M	1.40 " "
						12	1	M	1.50 " "
Jan. 1848	14	1	M	1.25 " "					
	14	1	M	1.35 " "	Average	12	2	M	1.45 " "
Average	14	2	M	1.30 " "	Jan. 1856	12	1	M	1.45 " "
						12	1	M	1.50 " "
July 1848	14	1	M	1.25 " "					
	14	1	M	1.35 " "	Average	12	2	M	1.47½ " "
Average	14	2	M	1.30 " "	July 1856	12	1	M	1.00 " "
						12	1	M	1.40 " "
Jan. 1849	14	1	M	1.25 " "		12	1	M	1.50 " "
	14	2	M	1.35 " "					
					Average	12	3	M	1.30 " "
Average	14	3	M	1.31½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

FIREMEN—Continued.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate of wages.
Jan. 1857	12	1	M	$1.00 per day.
	12	1	M	1.45 " "
	12	1	M	1.50 " "
Average	12	3	M	1.31½ " "
July 1857	12	1	M	1.17 " "
	12	1	M	1.40 " "
	12	1	M	1.50 " "
Average	12	3	M	1.35½ " "
Jan. 1858	12	1	M	1.17 " "
	12	1	M	1.40 " "
	12	1	M	1.50 " "
Average	12	3	M	1.35½ " "
July 1858	12	1	M	1.17 " "
	12	1	M	1.45 " "
	12	1	M	1.50 " "
Average	12	3	M	1.37½ " "
Jan. 1859	12	1	M	1.17 " "
	12	1	M	1.45 " "
	12	2	M	1.50 " "
Average	12	4	M	1.40½ " "
July 1859	12	1	M	1.25 " "
	12	1	M	1.40 " "
	12	2	M	1.50 " "
Average	12	4	M	1.41½ " "
Jan. 1860	12	1	M	1.25 " "
	12	1	M	1.40 " "
	12	2	M	1.50 " "
Average	12	4	M	1.41½ " "
July 1860	12	1	M	1.25 " "
	12	1	M	1.40 " "
	12	1	M	1.67 " "
Average	12	3	M	1.44 " "
Jan. 1861	11	1	M	1.25 " "
	11	1	M	1.40 " "
	11	1	M	1.50 " "
Average	11	3	M	1.38½ " "
July 1861	11	1	M	1.25 " "
	11	1	M	1.45 " "
	11	1	M	1.50 " "
Average	11	3	M	1.40 " "
Jan. 1862	11	1	M	1.25 " "
	11	1	M	1.40 " "
	11	2	M	1.50 " "
Average	11	4	M	1.41½ " "
July 1862	11	1	M	1.25 " "
	11	2	M	1.50 " "
	11	1	M	1.67 " "
Average	11	4	M	1.48 " "
Jan. 1863	11	1	M	1.25 " "
	11	2	M	1.50 " "
	11	1	M	1.67 " "
Average	11	4	M	1.48 " "
July 1863	11	1	M	$1.25 per day.
	11	1	M	1.35 " "
	11	2	M	1.50 " "
Average	11	4	M	1.40 " "
Jan. 1864	11	1	M	1.35 " "
	11	3	M	1.50 " "
Average	11	4	M	1.46½ " "
July 1864	11	1	M	1.35 " "
	11	2	M	1.45 " "
	11	1	M	1.75 " "
Average	11	4	M	1.50 " "
Jan. 1865	11	1	M	1.40 " "
	11	2	M	1.45 " "
	11	1	M	1.75 " "
Average	11	4	M	1.51½ " "
July 1865	11	1	M	1.40 " "
	11	2	M	1.45 " "
	11	1	M	1.83 " "
Average	11	4	M	1.53½ " "
Jan. 1866	11	3	M	1.50 " "
	11	1	M	1.83 " "
Average	11	4	M	1.58½ " "
July 1866	11	2	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	2.00 " "
Average	11	4	M	1.66½ " "
Jan. 1867	11	2	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	2.00 " "
Average	11	4	M	1.66½ " "
July 1867	11	1	M	1.45 " "
	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	2.00 " "
Average	11	4	M	1.65½ " "
Jan. 1868	11	2	M	1.45 " "
	11	1	M	1.67 " "
	11	1	M	2.00 " "
Average	11	4	M	1.64½ " "
July 1868	11	2	M	1.45 " "
	11	1	M	1.67 " "
	11	1	M	2.00 " "
Average	11	4	M	1.61½ " "
Jan. 1869	11	1	M	1.45 " "
	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	5	M	1.67½ " "
July 1869	11	1	M	1.40 " "
	11	1	M	1.45 " "
	11	1	M	1.67 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

FIREMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1869–	11	1	M	$1.75 per day.
cone'd.	11	1	M	2.00 " "
Average	11	5	M	1.65½ " "
Jan. 1870	11	1	M	1.40 " "
	11	1	M	1.50 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	4	M	1.66½ " "
July 1870	11	1	M	1.40 " "
	11	1	M	1.50 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	4	M	1.66½ " "
Jan. 1871	11	1	M	1.45 " "
	11	1	M	1.50 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	4	M	1.67½ " "
July 1871	11	1	M	1.45 " "
	11	1	M	1.50 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	4	M	1.67½ " "
Jan. 1872	11	1	M	1.45 " "
	11	2	M	1.50 " "
	11	1	M	2.00 " "
Average	11	4	M	1.61½ " "
July 1872	11	1	M	1.45 " "
	11	1	M	1.50 " "
	11	1	M	2.00 " "
Average	11	3	M	1.65 " "
Jan. 1873	11	1	M	1.50 " "
	11	2	M	1.75 " "
Average	11	3	M	1.66½ " "
July 1873	11	2	M	1.75 " "
Jan. 1874	11	2	M	1.75 " "
July 1874	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	1.75 " "
Average	11	3	M	1.64 " "
Jan. 1875	10	2	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
Average	10	4	M	1.60½ " "
July 1875	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
Average	10	5	M	1.60½ " "
Jan. 1876	10	1	M	1.50 " "
	10	1	M	1.55 " "
	10	2	M	1.60 " "
Jan. 1876–	10	1	M	$1.67 per day.
cone'd.	10	1	M	1.75 " "
Average	10	6	M	1.61 " "
July 1876	10	1	M	1.50 " "
	10	1	M	1.55 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
Average	10	6	M	1.61½ " "
Jan. 1877	10	1	M	1.50 " "
	10	1	M	1.55 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
Average	10	6	M	1.61½ " "
July 1877	10	1	M	1.50 " "
	10	1	M	1.55 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
Average	10	6	M	1.61½ " "
Jan. 1878	10	1	M	1.50 " "
	10	1	M	1.55 " "
	10	2	M	1.60 " "
	10	1	M	1.75 " "
Average	10	5	M	1.60 " "
July 1878	10	2	M	1.50 " "
	10	2	M	1.60 " "
Average	10	4	M	1.55 " "
Jan. 1879	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.60 " "
Average	10	5	M	1.40 " "
July 1879	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.60 " "
Average	10	5	M	1.40 " "
Jan. 1880	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.60 " "
Average	10	5	M	1.40 " "
July 1880	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.60 " "
Average	10	5	M	1.40 " "
Jan. 1881	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.60 " "
Average	10	5	M	1.40 " "
July 1881	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.60 " "
Average	10	5	M	1.40 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

FIREMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	10	1	M	$1.25 per day.	July 1887—cone'd.	10	1	M	$1.30 per day.
	10	3	M	1.30 " "		10	2	M	1.60 " "
	10	2	M	1.60 " "	Average	10	5	M	1.35 " "
Average	10	6	M	1.39 " "	Jan. 1888	10	1	M	1.00 " "
July 1882	10	1	M	1.25 " "		10	1	M	1.25 " "
	10	3	M	1.30 " "		10	1	M	1.60 " "
	10	2	M	1.60 " "		10	1	M	2.00 " "
Average	10	6	M	1.39 " "	Average	10	4	M	1.46½ " "
Jan. 1883	10	1	M	1.25 " "	July 1888	10	1	M	1.00 " "
	10	2	M	1.30 " "		10	1	M	1.25 " "
	10	2	M	1.60 " "		10	1	M	1.60 " "
Average	10	5	M	1.41 " "		10	1	M	2.00 " "
July 1883	10	1	M	1.25 " "	Average	10	4	M	1.46½ " "
	10	2	M	1.30 " "	Jan. 1889	10	1	M	1.25 " "
	10	2	M	1.60 " "		10	1	M	1.50 " "
Average	10	5	M	1.41 " "		10	2	M	1.60 " "
Jan. 1884	10	1	M	1.25 " "		10	1	M	2.00 " "
	10	1	M	1.30 " "	Average	10	5	M	1.59 " "
	10	4	M	1.60 " "	July 1889	10	1	M	1.25 " "
Average	10	6	M	1.49 " "		10	1	M	1.50 " "
July 1884	10	1	M	1.25 " "		10	2	M	1.60 " "
	10	1	M	1.30 " "		10	1	M	2.00 " "
	10	4	M	1.60 " "	Average	10	5	M	1.59 " "
Average	10	6	M	1.49 " "	Jan. 1890	10	1	M	1.00 " "
Jan. 1885	10	1	M	1.25 " "		10	1	M	1.25 " "
	10	4	M	1.60 " "		10	1	M	1.50 " "
Average	10	5	M	1.53 " "		10	3	M	1.60 " "
July 1885	10	1	M	1.25 " "		10	1	M	2.00 " "
	10	4	M	1.60 " "	Average	10	7	M	1.50½ " "
Average	10	5	M	1.53 " "	July 1890	10	1	M	1.00 " "
Jan. 1886	10	1	M	1.25 " "		10	1	M	1.25 " "
	10	3	M	1.60 " "		10	1	M	1.50 " "
Average	10	4	M	1.51½ " "		10	3	M	1.60 " "
July 1886	10	1	M	1.25 " "		10	1	M	2.00 " "
	10	3	M	1.60 " "	Average	10	7	M	1.50½ " "
Average	10	4	M	1.51½ " "	Jan. 1891	10	1	M	1.25 " "
Jan. 1887	10	1	M	1.00 " "		10	2	M	1.50 " "
	10	1	M	1.25 " "		10	5	M	1.60 " "
	10	1	M	1.30 " "		10	1	M	2.00 " "
	10	2	M	1.60 " "		10	1	M	2.25 " "
Average	10	5	M	1.35 " "	Average	10	10	M	1.65 " "
July 1887	10	1	M	1.00 " "	July 1891	10	1	M	1.25 " "
	10	1	M	1.25 " "		10	2	M	1.50 " "
						10	5	M	1.60 " "
						10	1	M	2.00 " "
						10	1	M	2.25 " "
					Average	10	10	M	1.65 " "

FOREMEN, YARD.

Jan. 1860	12	1	M	1.50 per day.	July 1862	11	1	M	1.75 per day.
July 1860	12	1	M	1.50 " "	Jan. 1863	11	1	M	1.75 " "
Jan. 1861	11	1	M	1.75 " "	July 1863	11	1	M	1.75 " "
July 1861	11	1	M	1.75 " "	Jan. 1864	11	1	M	2.25 " "
Jan. 1862	11	1	M	1.75 " "	July 1864	11	1	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

FOREMEN, YARD—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865	11	1	M	$2.50 per day.	July 1878	10	1	M	$3.00 per day.
July 1865	11	1	M	2.50 " "	Jan. 1879	10	1	M	3.00 " "
Jan. 1866	11	1	M	2.35 " "	July 1879	10	1	M	3.12 " "
July 1866	11	1	M	2.50 " "	Jan. 1880	10	1	M	3.12 " "
Jan. 1867	11	1	M	3.00 " "	July 1880	10	1	M	3.15 " "
July 1867	11	1	M	3.00 " "	Jan. 1881	10	1	M	3.15 " "
Jan. 1868	11	1	M	3.00 " "	July 1881	10	1	M	3.15 " "
July 1868	11	1	M	3.00 " "	Jan. 1882	10	1	M	3.15 " "
Jan. 1869	11	1	M	3.00 " "	July 1882	10	1	M	3.15 " "
July 1869	11	1	M	3.00 " "	Jan. 1883	10	1	M	3.15 " "
Jan. 1870	11	1	M	3.00 " "	July 1883	10	1	M	3.15 " "
July 1870	11	1	M	3.00 " "	Jan. 1884	10	1	M	3.15 " "
Jan. 1871	11	1	M	3.25 " "	July 1884	10	1	M	3.15 " "
July 1871	11	1	M	3.25 " "	Jan. 1885	10	1	M	3.15 " "
Jan. 1872	11	1	M	3.25 " "	July 1885	10	1	M	3.15 " "
July 1872	11	1	M	3.25 " "	Jan. 1886	10	1	M	3.15 " "
Jan. 1873	11	1	M	3.00 " "	July 1886	10	1	M	3.15 " "
July 1873	11	1	M	3.00 " "	Jan. 1887	10	1	M	3.15 " "
Jan. 1874	11	1	M	3.00 " "	July 1887	10	1	M	3.15 " "
July 1874	11	1	M	3.00 " "	Jan. 1888	10	1	M	3.15 " "
Jan. 1875	10	1	M	3.00 " "	July 1888	10	1	M	3.15 " "
July 1875	10	1	M	3.00 " "	Jan. 1889	10	1	M	3.15 " "
Jan. 1876	10	1	M	3.00 " "	July 1889	10	1	M	3.15 " "
July 1876	10	1	M	3.00 " "	Jan. 1890	10	1	M	3.15 " "
Jan. 1877	10	1	M	3.00 " "	July 1890	10	1	M	3.15 " "
July 1877	10	1	M	3.00 " "	Jan. 1891	10	1	M	3.15 " "
Jan. 1878	10	1	M	3.00 " "	July 1891	10	1	M	3.15 " "

HARNESS HANDS.

July 1843	14	1	F	.40	per day.	Jan. 1849	14	2	F	.42	per day.
Jan. 1844	14	3	F	.38	" "		14	1	F	.69	" "
	14	1	F	.40	" "	Average	14	3	F	.51	" "
Average	14	4	F	.38½	" "	July 1849	14	2	F	.42	" "
July 1844	14	5	F	.38	" "	Jan. 1850	14	1	M	.38	" "
	14	1	F	.40	" "		14	3	F	.38	" "
	14	2	F	.42	" "		14	1	F	.40	" "
Average	14	8	F	.39½	" "		14	1	F	.42	" "
Jan. 1845	14	1	F	.38	" "	Average	14	6	.....	.39	" "
Jan. 1846	14	5	F	.38	" "	July 1850	14	1	M	.38	" "
	14	1	F	.42	" "		14	2	F	.38	" "
	14	1	F	.48	" "		14	1	F	.40	" "
Average	14	7	F	.40	" "		14	1	M	.42	" "
July 1846	14	1	F	.38	" "		14	2	F	.42	" "
	14	1	F	.42	" "	Average	14	7	.....	.40	" "
Average	14	2	F	.40	" "	Jan. 1851	14	1	M	.38	" "
Jan. 1847	14	1	M	.33	" "		14	1	F	.38	" "
	14	1	F	.33	" "		14	1	M	.42	" "
	14	1	F	.38	" "		14	1	F	.42	" "
	14	3	F	.42	" "		14	1	F	.50	" "
Average	14	6	.....	.38½	" "	Average	14	5	.....	.42	" "
July 1847	14	3	F	.38	" "	July 1851	14	5	F	.38	" "
	14	2	F	.42	" "		14	1	M	.42	" "
							14	1	F	.42	" "
Average	14	5	F	.39½	" "		14	1	F	.46	" "
							14	1	F	.48	" "
Jan. 1848	14	3	F	.42	" "	Average	14	9	.....	.41	" "
	14	2	F	.45	" "	Jan. 1852	12	1	M	.21	" "
							12	1	F	.30	" "
Average	14	5	F	.43	" "		12	1	F	.36	" "
							12	1	M	.38	" "
July 1848	14	3	F	.42	" "		12	1	F	.38	" "
							12	1	F	.45	" "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

HARNESS HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1852-cond'd.	12	1	F	$0.46 per day.
	12	1	F	.56 " "
Average	12	8	.....	.38½ " "
July 1852	12	1	F	.30 " "
	12	1	F	.32 " "
	12	1	F	.36 " "
	12	1	M	.38 " "
	12	1	F	.46 " "
	12	2	F	.50 " "
Average	12	7	.....	.40½ " "
Jan. 1853	12	1	F	.32 " "
	12	1	F	.33 " "
	12	3	F	.38 " "
	12	1	M	.40 " "
	12	1	M	.42 " "
	12	1	F	.46 " "
	12	2	F	.50 " "
Average	12	10	.....	.40½ " "
July 1853	12	1	F	.30 " "
	12	5	F	.38 " "
	12	1	M	.40 " "
	12	1	F	.46 " "
	12	1	F	.50 " "
	12	1	F	.52 " "
Average	12	10	.....	.41 " "
Jan. 1854	12	1	F	.32 " "
	12	4	F	.38 " "
	12	1	M	.40 " "
	12	1	F	.44 " "
	12	1	F	.46 " "
	12	2	F	.52 " "
Average	12	10	.....	.42 " "
July 1854	12	1	F	.30 " "
	12	2	M	.38 " "
	12	3	F	.38 " "
	12	1	F	.44 " "
	12	1	F	.46 " "
	12	1	F	.50 " "
	12	1	F	.52 " "
Average	12	10	.....	.41 " "
Jan. 1855	12	1	F	.32 " "
	12	4	M	.38 " "
	12	1	F	.38 " "
	12	1	F	.46 " "
	12	2	F	.50 " "
Average	12	9	.....	.41 " "
July 1855	12	4	M	.38 " "
July 1858	12	1	F	.42 " "
July 1859	12	1	F	.30 " "
	12	1	F	.40 " "
	12	1	F	.42 " "
	12	1	F	.56 " "
Average	12	4	F	.42 " "
Jan. 1860	12	1	M	.32 " "
	12	1	F	.40 " "
	12	1	M	.42 " "
	12	2	F	.42 " "
	12	1	F	.52 " "
	12	1	F	.56 " "
Average	12	7	.....	.43½ " "
July 1860	12	1	M	$0.32 per day.
	12	1	M	.42 " "
	12	2	F	.42 " "
	12	1	F	.52 " "
	12	1	F	.56 " "
Average	12	6	.....	.44½ " "
Jan. 1861	11	1	M	.42 " "
	11	1	M	.50 " "
	11	1	F	.58 " "
Average	11	3	.....	.50 " "
July 1861	11	1	M	.42 " "
	11	1	M	.50 " "
	11	1	F	.58 " "
Average	11	3	.....	.50 " "
Jan. 1862	11	1	M	.42 " "
	11	1	M	.54 " "
	11	1	F	.65 " "
Average	11	3	.....	.53½ " "
July 1862	11	1	M	.50 " "
	11	1	F	.65 " "
Average	11	2	.....	.57½ " "
Jan. 1863	11	1	F	.70 " "
July 1863	11	1	F	.70 " "
Jan. 1864	11	1	M	.75 " "
	11	2	F	.75 " "
Average	11	3	.....	.75 " "
July 1864	11	1	M	.75 " "
	11	2	F	.75 " "
Average	11	3	.....	.75 " "
Jan. 1865	11	1	F	.75 " "
July 1865	11	1	F	.75 " "
Jan. 1866	11	1	M	.75 " "
	11	1	F	.80 " "
	11	1	M	.89 " "
	11	2	F	.89 " "
Average	11	5	.....	.84½ " "
July 1866	11	1	M	.89 " "
	11	1	F	.89 " "
Average	11	2	.....	.89 " "
Jan. 1867	11	3	F	.80 " "
	11	1	M	.83 " "
	11	2	M	.89 " "
	11	2	F	.89 " "
Average	11	8	.....	.85 " "
July 1867	11	1	F	.53 " "
	11	2	F	.67 " "
	11	1	F	.75 " "
	11	1	M	.80 " "
	11	2	F	.80 " "
	11	1	M	.83 " "
	11	1	F	.85 " "
	11	1	M	.89 " "
	11	3	F	.89 " "
Average	11	13	.....	.79½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

HARNESS HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1868	11	1	M	$0.75 per day.
	11	2	F	.75 " "
	11	2	M	.80 " "
	11	2	F	.80 " "
	11	2	F	.89 " "
	11	1	M	.90 " "
	11	1	F	.90 " "
Average	11	11	.....	.82 " "
July 1868	11	1	M	.75 " "
	11	2	F	.75 " "
	11	2	M	.80 " "
	11	2	F	.80 " "
	11	2	F	.89 " "
	11	1	M	.90 " "
	11	1	F	.90 " "
Average	11	11	.....	.82 " "
Jan. 1869	11	1	F	.45 " "
	11	2	F	.50 " "
	11	3	F	.75 " "
	11	1	M	.80 " "
	11	1	M	.83 " "
	11	1	M	.89 " "
	11	1	M	.92 " "
	11	1	F	.92 " "
	11	1	M	.95 " "
	11	1	F	1.00 " "
Average	11	13	.....	.77 " "
July 1869	11	1	F	.45 " "
	11	2	F	.50 " "
	11	3	F	.75 " "
	11	1	M	.80 " "
	11	1	M	.83 " "
	11	1	M	.89 " "
	11	1	M	.92 " "
	11	1	F	.92 " "
	11	1	M	.95 " "
	11	1	F	1.08 " "
Average	11	13	.....	.77½ " "
Jan. 1870	11	1	F	.45 " "
	11	1	M	.75 " "
	11	1	F	.75 " "
	11	1	M	1.00 " "
	11	2	F	1.00 " "
Average	11	6	.....	.82½ " "
July 1870	11	1	F	.45 " "
	11	1	M	.75 " "
	11	1	F	.75 " "
	11	1	M	1.00 " "
	11	1	F	1.00 " "
	11	1	F	1.02 " "
Average	11	6	.....	.83 " "
Jan. 1871	11	1	F	.80 " "
	11	1	F	.85 " "
	11	1	M	.90 " "
	11	1	M	1.00 " "
	11	2	F	1.00 " "
	11	1	F	1.02 " "
Average	11	7	.....	.94 " "
July 1871	11	2	F	.85 " "
	11	1	M	.90 " "
	11	1	M	1.00 " "
July 1871—conc'd.	11	2	F	$1.00 per day.
	11	1	F	1.02 " "
Average	11	7	.....	.94½ " "
Jan. 1872	11	1	F	.80 " "
	11	1	M	.85 " "
	11	1	M	.90 " "
	11	1	F	.90 " "
	11	3	F	1.00 " "
	11	1	F	1.25 " "
Average	11	8	.....	.96½ " "
July 1872	11	1	M	.90 " "
	11	2	F	.90 " "
	11	1	M	1.00 " "
	11	3	F	1.00 " "
	11	1	F	1.25 " "
Average	11	8	.....	.99½ " "
Jan. 1873	11	1	M	.85 " "
	11	3	F	.90 " "
	11	1	M	1.00 " "
	11	2	F	1.00 " "
	11	1	F	1.25 " "
Average	11	8	.....	.97½ " "
July 1873	11	2	M	.90 " "
	11	3	F	.90 " "
	11	2	F	1.00 " "
	11	1	F	1.25 " "
Average	11	8	.....	.97 " "
Jan. 1874	11	2	M	.90 " "
	11	4	F	.90 " "
	11	1	F	1.00 " "
	11	1	F	1.25 " "
Average	11	8	.....	.95½ " "
July 1874	11	2	M	.85 " "
	11	5	F	.90 " "
	11	1	F	1.25 " "
Average	11	8	.....	.93 " "
Jan. 1875	10	1	M	.80 " "
	10	1	M	.90 " "
	10	5	F	.90 " "
	10	1	F	1.25 " "
Average	10	8	.....	.93 " "
July 1875	10	1	M	.90 " "
	10	5	F	.90 " "
	10	1	M	.95 " "
	10	1	F	1.25 " "
Average	10	8	.....	.95 " "
Jan. 1876	10	1	M	.85 " "
	10	1	M	.90 " "
	10	5	F	.90 " "
	10	1	F	1.25 " "
Average	10	8	.....	.93½ " "
July 1876	10	2	M	.90 " "
	10	4	F	.90 " "
	10	1	F	1.25 " "
Average	10	7	.....	.95 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

HARNESS HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1877	10	1	M	$0.90 per day.
	10	3	F	.90 " "
	10	1	F	1.25 " "
Average	10	5	.....	.97 " "
July 1877	10	1	M	.90 " "
	10	3	F	.90 " "
	10	1	F	1.25 " "
Average	10	5	.....	.97 " "
Jan. 1878	10	1	M	.90 " "
	10	3	F	.90 " "
	10	1	F	1.25 " "
Average	10	5	.....	.97 " "
July 1878	10	1	M	.90 " "
	10	3	F	.90 " "
	10	1	M	1.25 " "
Average	10	5	.....	.97 " "
Jan. 1879	10	4	F	.90 " "
	10	1	F	1.35 " "
Average	10	5	F	.99 " "
July 1879	10	4	F	.90 " "
	10	1	F	1.35 " "
Average	10	5	F	.99 " "
Jan. 1880	10	4	F	.90 " "
	10	1	F	1.35 " "
Average	10	5	F	.99 " "
July 1880	10	4	F	.90 " "
	10	1	F	1.35 " "
Average	10	5	F	.99 " "
Jan. 1881	10	4	F	.90 " "
	10	1	F	1.35 " "
Average	10	5	F	.99 " "
July 1881	10	4	F	.90 " "
	10	1	F	1.35 " "
Average	10	5	F	.99 " "
Jan. 1882	10	5	F	.90 " "
	10	1	F	1.35 " "
Average	10	6	F	.97½ " "
July 1882	10	5	F	.90 " "
	10	1	F	1.35 " "
Average	10	6	F	.97½ " "
Jan. 1883	10	4	F	.90 " "
	10	1	F	1.35 " "
Average	10	5	F	.99 " "
July 1883	10	4	F	.90 " "
	10	1	F	1.35 " "
Average	10	5	F	.99 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884	10	1	M	$0.90 per day.
	10	1	F	.90 " "
	10	1	F	1.35 " "
Average	10	3	.....	1.05 " "
July 1884	10	1	M	.90 " "
	10	1	F	.90 " "
	10	1	F	1.35 " "
Average	10	3	.....	1.05 " "
Jan. 1885	10	2	F	.75 " "
	10	1	M	.90 " "
	10	1	F	1.35 " "
Average	10	4	.....	.93½ " "
July 1885	10	2	F	.75 " "
	10	1	M	.90 " "
	10	1	F	1.35 " "
Average	10	4	.....	.93½ " "
Jan. 1886	10	1	M	.90 " "
	10	1	F	1.35 " "
Average	10	2	.....	1.12½ " "
July 1886	10	1	M	.90 " "
	10	1	F	1.35 " "
Average	10	2	.....	1.12½ " "
Jan. 1887	10	1	M	.90 " "
	10	1	F	1.35 " "
Average	10	2	.....	1.12½ " "
July 1887	10	1	M	.90 " "
	10	1	F	1.35 " "
Average	10	2	.....	1.12½ " "
Jan. 1888	10	1	M	.90 " "
	10	1	F	1.35 " "
Average	10	2	.....	1.12½ " "
July 1888	10	1	M	.90 " "
	10	1	F	1.35 " "
Average	10	2	.....	1.12½ " "
Jan. 1889	10	1	F	.60 " "
	10	1	F	1.00 " "
	10	1	F	1.10 " "
	10	1	F	1.25 " "
Average	10	4	F	.98½ " "
July 1889	10	1	F	.60 " "
	10	1	F	1.00 " "
	10	1	F	1.10 " "
	10	1	F	1.25 " "
Average	10	4	F	.98½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

HARNESS HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890	10	2	F	$0.60 per day.	Jan. 1891	10	2	F	$0.60 per day.
	10	1	F	1.00 " "		10	2	F	.90 " "
	10	1	F	1.10 " "		10	1	F	1.10 " "
	10	1	F	1.25 " "		10	1	F	1.35 " "
Average	10	5	F	.91 " "	Average	10	6	F	.91 " "
July 1890	10	2	F	.60 " "	July 1891	10	2	F	.60 " "
	10	1	F	1.00 " "		10	2	F	.90 " "
	10	1	F	1.10 " "		10	1	F	1.10 " "
	10	1	F	1.25 " "		10	1	F	1.35 " "
Average	10	5	F	.91 " "	Average	10	6	F	.91 " "

LABORERS.

Jan. 1840	14	1	M	.75 per day.	July 1848	14	4	M	1.00 per day.
	14	1	M	.87 " "	Jan. 1849	14	2	M	.83 " "
Average	14	2	M	.81 " "		14	1	M	1.00 " "
July 1841	14	1	M	.87 " "	Average	14	3	M	.88½ " "
Jan. 1842	14	1	M	.75 " "	July 1849	14	2	M	.92 " "
	14	1	M	.83 " "		14	3	M	1.00 " "
	14	1	M	.87 " "	Average	14	5	M	.97 " "
Average	14	3	M	.81½ " "	Jan. 1850	14	1	M	.80 " "
Jnly 1842	14	1	M	.87 " "		14	2	M	.92 " "
Jan. 1843	14	1	M	.87 " "		14	3	M	1.00 " "
July 1843	14	1	M	.87 " "	Average	14	6	M	.94 " "
Jan. 1844	14	1	M	.87 " "	July 1850	14	1	M	.80 " "
July 1844	14	1	M	.87 " "		14	1	M	.92 " "
Jan. 1845	14	1	M	.87 " "		14	5	M	1.00 " "
July 1845	14	7	M	.83 " "		14	1	M	1.17 " "
	14	2	M	.84 " "		14	1	M	1.25 " "
	14	1	M	.87 " "		14	1	M	1.33 " "
	14	1	M	.88 " "	Average	14	10	M	1.04½ " "
	14	1	M	1.00 " "	Jan. 1851	14	1	M	.80 " "
Average	14	12	M	.85½ " "		14	2	M	.92 " "
Jan. 1846	14	3	M	.83 " "		14	2	M	1.00 " "
	14	1	M	.87 " "	Average	14	5	M	.93 " "
	14	1	M	.92 " "	July 1851	14	1	M	.80 " "
Average	14	5	M	.85½ " "		14	1	M	.92 " "
July 1846	14	1	M	.83 " "		14	2	M	1.00 " "
	14	5	M	.92 " "	Average	14	4	M	.93 " "
	14	3	M	1.00 " "					
Average	14	9	M	.93½ " "	Jan. 1852	12	1	M	.83 " "
Jan. 1847	14	2	M	.92 " "		12	1	M	.92 " "
	14	1	M	1.00 " "		12	3	M	1.00 " "
Average	14	3	M	.94½ " "	Average	12	5	M	.95 " "
July 1847	14	4	M	.92 " "	July 1852	12	1	M	.83 " "
	14	1	M	.96 " "		12	1	M	.88 " "
	14	2	M	1.00 " "		12	4	M	.90 " "
	14	1	M	1.12 " "		12	1	M	.92 " "
	14	1	M	1.17 " "		12	3	M	1.00 " "
Average	14	9	M	.99 " "	Average	12	10	M	.92½ " "
Jan. 1848	14	1	M	.92 " "	Jan. 1853	12	1	M	.85 " "
	14	1	M	.96 " "		12	4	M	.90 " "
	14	2	M	1.00 " "		12	5	M	1.00 " "
	14	2	M	1.17 " "					
Average	14	6	M	1.03½ " "	Average	12	10	M	.94½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1853	12	1	M	$0.85 per day.
	12	4	M	.90 " "
	12	5	M	1.00 " "
Average	12	10	M	.94½ " "
Jan. 1854	12	2	M	.90 " "
	12	1	M	.92 " "
	12	7	M	1.00 " "
Average	12	10	M	.97 " "
July 1854	12	1	M	.92 " "
	12	9	M	1.00 " "
Average	12	10	M	.99 " "
Jan. 1855	12	1	M	.92 " "
	12	9	M	1.00 " "
Average	12	10	M	.99 " "
July 1855	12	3	M	1.00 " "
Jan. 1856	12	5	M	1.00 " "
July 1856	12	1	M	1.00 " "
Jan. 1857	12	4	M	1.00 " "
July 1857	12	4	M	1.00 " "
Jan. 1858	12	4	M	1.00 " "
July 1858	12	1	M	1.00 " "
	12	1	M	1.17 " "
Average	12	2	M	1.08½ " "
Jan. 1859	12	7	M	1.00 " "
	12	1	M	1.17 " "
Average	12	8	M	1.02 " "
July 1859	12	2	M	1.00 " "
	12	1	M	1.17 " "
Average	12	3	M	1.05½ " "
Jan. 1860	12	7	M	.90 " "
	12	7	M	1.00 " "
	12	1	M	1.25 " "
	12	1	M	1.33 " "
Average	12	16	M	.99½ " "
July 1860	12	7	M	.90 " "
	12	7	M	1.00 " "
	12	1	M	1.25 " "
	12	1	M	1.33 " "
Average	12	16	M	.99½ " "
Jan. 1861	11	2	M	.80 " "
	11	7	M	1.00 " "
	11	2	M	1.33 " "
Average	11	11	M	1.02½ " "
July 1861	11	2	M	.80 " "
	11	7	M	1.00 " "
	11	2	M	1.33 " "
Average	11	11	M	1.02½ " "
Jan. 1862	11	1	M	.80 " "
	11	1	M	.83 " "
	11	6	M	1.00 " "
	11	1	M	1.33 " "
Average	11	9	M	.99½ " "
July 1862	11	5	M	$1.00 per day.
	11	1	M	1.33 " "
Average	11	6	M	1.05½ " "
Jan. 1863	11	4	M	1.00 " "
	11	1	M	1.33 " "
Average	11	5	M	1.06½ " "
July 1863	11	1	M	1.00 " "
	11	1	M	1.17 " "
	11	1	M	1.25 " "
	11	1	M	1.50 " "
Average	11	4	M	1.23 " "
Jan. 1864	11	1	M	1.00 " "
	11	9	M	1.50 " "
	11	1	M	1.58 " "
Average	11	11	M	1.46 " "
July 1864	11	1	M	1.25 " "
	11	12	M	1.75 " "
	11	1	M	1.83 " "
Average	11	14	M	1.72 " "
Jan. 1865	11	4	M	1.50 " "
	11	3	M	1.75 " "
	11	1	M	1.83 " "
Average	11	8	M	1.63⅓ " "
July 1865	11	1	M	1.50 " "
	11	11	M	1.75 " "
	11	1	M	1.83 " "
Average	11	13	M	1.73½ " "
Jan. 1866	11	12	M	1.75 " "
	11	1	M	1.83 " "
Average	11	13	M	1.75½ " "
July 1866	11	7	M	1.75 " "
	11	1	M	1.83 " "
Average	11	8	M	1.76 " "
Jan. 1867	11	2	M	1.00 " "
	11	1	M	1.67 " "
	11	11	M	1.75 " "
	11	1	M	1.83 " "
Average	11	15	M	1.65 " "
July 1867	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	12	M	1.75 " "
	11	2	M	1.83 " "
Average	11	16	M	1.74 " "
Jan. 1868	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	12	M	1.75 " "
	11	2	M	1.83 " "
Average	11	16	M	1.74 " "
July 1868	11	1	M	1.50 " "
	11	1	M	1.67 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868-concl'd.	11	12	M	$1.75 per day.
	11	2	M	1.83 " "
Average	11	16	M	1.74 " "
Jan. 1869	11	15	M	1.75 " "
	11	2	M	1.83 " "
Average	11	17	M	1.76 " "
July 1869	11	15	M	1.75 " "
	11	2	M	1.83 " "
Average	11	17	M	1.76 " "
Jan. 1870	11	21	M	1.75 " "
	11	2	M	2.00 " "
Average	11	23	M	1.77 " "
July 1870	11	21	M	1.75 " "
	11	2	M	2.00 " "
Average	11	23	M	1.77 " "
Jan. 1871	11	11	M	1.75 " "
July 1871	11	11	M	1.75 " "
Jan. 1872	11	2	M	1.50 " "
	11	6	M	1.75 " "
	11	3	M	2.00 " "
Average	11	11	M	1.77½ " "
July 1872	11	1	M	1.25 " "
	11	1	M	1.50 " "
	11	6	M	1.75 " "
	11	3	M	2.00 " "
Average	11	11	M	1.75 " "
Jan. 1873	11	2	M	1.25 " "
	11	8	M	1.50 " "
Average	11	10	M	1.45 " "
July 1873	11	1	M	1.15 " "
	11	7	M	1.25 " "
	11	1	M	1.50 " "
	11	1	M	1.75 " "
Average	11	10	M	1.31½ " "
Jan. 1874	11	2	M	1.15 " "
	11	6	M	1.25 " "
	11	1	M	1.42 " "
	11	1	M	1.50 " "
Average	11	10	M	1.27 " "
July 1874	11	2	M	1.10 " "
	11	1	M	1.15 " "
	11	5	M	1.25 " "
	11	1	M	1.40 " "
	11	1	M	1.50 " "
Average	11	10	M	1.25 " "
Jan. 1875	10	1	M	1.10 " "
	10	3	M	1.15 " "
	10	4	M	1.25 " "
	10	1	M	1.37 " "
	10	1	M	1.50 " "
Average	10	10	M	1.24 " "
July 1875	10	2	M	$1.10 per day.
	10	2	M	1.15 " "
	10	4	M	1.25 " "
	10	1	M	1.37 " "
	10	1	M	1.50 " "
Average	10	10	M	1.23½ " "
Jan. 1876	10	4	M	1.10 " "
	10	1	M	1.15 " "
	10	3	M	1.25 " "
	10	1	M	1.33 " "
	10	1	M	1.50 " "
Average	10	10	M	1.21½ " "
July 1876	10	1	M	1.00 " "
	10	3	M	1.10 " "
	10	3	M	1.15 " "
	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	10	M	1.17½ " "
Jan. 1877	10	1	M	1.00 " "
	10	2	M	1.10 " "
	10	4	M	1.15 " "
	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	10	M	1.18 " "
July 1877	10	5	M	1.10 " "
	10	2	M	1.15 " "
	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	10	M	1.18 " "
Jan. 1878	10	1	M	1.00 " "
	10	5	M	1.10 " "
	10	2	M	1.15 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	10	M	1.15½ " "
July 1878	10	1	M	1.00 " "
	10	5	M	1.10 " "
	10	3	M	1.15 " "
	10	1	M	1.25 " "
Average	10	10	M	1.12 " "
Jan. 1879	10	6	M	1.10 " "
	10	6	M	1.20 " "
	10	1	M	1.25 " "
Average	10	13	M	1.16 " "
July 1879	10	6	M	1.10 " "
	10	6	M	1.20 " "
	10	1	M	1.25 " "
Average	10	13	M	1.16 " "
Jan. 1880	10	6	M	1.10 " "
	10	6	M	1.20 " "
	10	1	M	1.25 " "
Average	10	13	M	1.16 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

LABORERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880	10	6	M	$1.10 per day.	Jan. 1886	10	8	M	$1.20 per day.
	10	6	M	1.20 " "		10	4	M	1.30 " "
	10	1	M	1.25 " "		10	2	M	1.50 " "
Average	10	13	M	1.16 " "	Average	10	14	M	1.27 " "
Jan. 1881	10	2	M	1.00 " "	July 1886	10	8	M	1.20 " "
	10	8	M	1.10 " "		10	4	M	1.30 " "
	10	6	M	1.20 " "		10	2	M	1.50 " "
	10	1	M	1.25 " "	Average	10	14	M	1.27 " "
Average	10	17	M	1.13 " "	Jan. 1887	10	17	M	1.20 " "
						10	5	M	1.30 " "
July 1881	10	2	M	1.00 " "		10	1	M	1.50 " "
	10	8	M	1.10 " "	Average	10	23	M	1.23½ " "
	10	6	M	1.20 " "	July 1887	10	17	M	1.20 " "
	10	1	M	1.25 " "		10	5	M	1.30 " "
Average	10	17	M	1.13 " "		10	1	M	1.50 " "
Jan. 1882	10	10	M	1.10 " "	Average	10	23	M	1.23½ " "
	10	5	M	1.20 " "	Jan. 1888	10	10	M	1.20 " "
	10	1	M	1.25 " "		10	6	M	1.30 " "
	10	1	M	1.50 " "		10	1	M	1.50 " "
Average	10	17	M	1.16 " "	Average	10	17	M	1.25½ " "
July 1882	10	10	M	1.10 " "	July 1888	10	10	M	1.20 " "
	10	5	M	1.20 " "		10	6	M	1.30 " "
	10	1	M	1.25 " "		10	1	M	1.50 " "
	10	1	M	1.50 " "	Average	10	17	M	1.25½ " "
Average	10	17	M	1.16 " "	Jan. 1889	10	10	M	1.20 " "
Jan. 1883	10	11	M	1.20 " "		10	6	M	1.30 " "
	10	5	M	1.30 " "		10	1	M	1.50 " "
	10	1	M	1.50 " "	Average	10	17	M	1.25½ " "
Average	10	17	M	1.24½ " "	July 1889	10	10	M	1.20 " "
July 1883	10	11	M	1.20 " "		10	6	M	1.30 " "
	10	5	M	1.30 " "		10	1	M	1.50 " "
	10	1	M	1.50 " "	Average	10	17	M	1.25⅛ " "
Average	10	17	M	1.24½ " "	Jan. 1890	10	14	M	1.20 " "
Jan. 1884	10	9	M	1.20 " "		10	7	M	1.30 " "
	10	5	M	1.30 " "		10	1	M	1.50 " "
	10	2	M	1.50 " "	Average	10	22	M	1.24⅛ " "
Average	10	16	M	1.27 " "	July 1890	10	14	M	1.20 " "
July 1884	10	9	M	1.20 " "		10	7	M	1.30 " "
	10	5	M	1.30 " "		10	1	M	1.50 " "
	10	2	M	1.50 " "	Average	10	22	M	1.24½ " "
Average	10	16	M	1.27 " "	Jan. 1891	10	14	M	1.20 " "
Jan. 1885	10	8	M	1.20 " "		10	6	M	1.30 " "
	10	4	M	1.30 " "		10	1	M	1.50 " "
	10	2	M	1.50 " "	Average	10	21	M	1.24½ " "
Average	10	14	M	1.27 " "	July 1891	10	14	M	1.20 " "
July 1885	10	8	M	1.20 " "		10	6	M	1.30 " "
	10	4	M	1.30 " "		10	1	M	1.50 " "
	10	2	M	1.50 " "	Average	10	21	M	1.24½ " "
Average	10	14	M	1.27 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1840	14	1	M	$1.25 per day.
	14	3	M	1.42 " "
	14	3	M	1.50 " "
	14	1	M	1.58 " "
Average	14	8	M	1.45 " "
July 1841	14	1	M	1.25 " "
	14	3	M	1.42 " "
	14	3	M	1.50 " "
	14	1	M	1.54 " "
Average	14	8	M	1.44½ " "
Jan. 1842	14	1	M	1.25 " "
	14	1	M	1.33 " "
	14	2	M	1.42 " "
	14	3	M	1.50 " "
	14	1	M	1.54 " "
Average	14	8	M	1.43½ " "
July 1842	14	2	M	1.25 " "
	14	1	M	1.33 " "
	14	3	M	1.42 " "
	14	7	M	1.50 " "
	14	1	M	1.54 " "
Average	14	14	M	1.44 " "
Jan. 1843	14	1	M	1.25 " "
	14	1	M	1.33 " "
	14	4	M	1.42 " "
	14	3	M	1.50 " "
	14	1	M	1.54 " "
Average	14	10	M	1.43 " "
July 1843	14	4	M	1.17 " "
	14	1	M	1.25 " "
	14	3	M	1.33 " "
	14	1	M	1.38 " "
	14	1	M	1.50 " "
Average	14	10	M	1.28 " "
Jan. 1844	14	4	M	1.17 " "
	14	1	M	1.25 " "
	14	3	M	1.33 " "
	14	1	M	1.38 " "
Average	14	9	M	1.25½ " "
July 1844	14	4	M	1.25 " "
	14	1	M	1.33 " "
	14	1	M	1.42 " "
	14	4	M	1.50 " "
Average	14	10	M	1.37½ " "
Jan. 1845	14	1	M	1.25 " "
	14	3	M	1.33 " "
	14	1	M	1.42 " "
	14	3	M	1.50 " "
Average	14	8	M	1.39½ " "
July 1845	14	1	M	1.25 " "
	14	6	M	1.33 " "
	14	1	M	1.42 " "
	14	4	M	1.50 " "
	14	1	M	1.58 " "
Average	14	13	M	1.40 " "
Jan. 1846	14	1	M	$1.25 per day.
	14	4	M	1.33 " "
	14	1	M	1.42 " "
	14	6	M	1.50 " "
	14	2	M	1.58 " "
	14	2	M	1.67 " "
	14	1	M	1.75 " "
Average	14	17	M	1.48½ " "
July 1846	14	1	M	1.17 " "
	14	5	M	1.33 " "
	14	2	M	1.42 " "
	14	5	M	1.50 " "
	14	2	M	1.58 " "
	14	1	M	1.67 " "
	14	2	M	1.75 " "
Average	14	18	M	1.47 " "
Jan. 1847	14	1	M	1.17 " "
	14	5	M	1.33 " "
	14	1	M	1.42 " "
	14	4	M	1.50 " "
	14	1	M	1.67 " "
	14	1	M	1.75 " "
Average	14	13	M	1.43½ " "
July 1847	14	3	M	1.33 " "
	14	1	M	1.42 " "
	14	3	M	1.50 " "
	14	1	M	1.58 " "
	14	1	M	1.63 " "
	14	2	M	1.67 " "
	14	2	M	1.75 " "
Average	14	13	M	1.53½ " "
Jan. 1848	14	3	M	1.33 " "
	14	1	M	1.42 " "
	14	2	M	1.50 " "
	14	1	M	1.58 " "
	14	1	M	1.63 " "
	14	3	M	1.67 " "
	14	1	M	1.75 " "
Average	14	12	M	1.53 " "
July 1848	14	3	M	1.33 " "
	14	2	M	1.42 " "
	14	3	M	1.50 " "
	14	1	M	1.58 " "
	14	1	M	1.63 " "
	14	4	M	1.67 " "
	14	1	M	1.75 " "
Average	14	15	M	1.53 " "
Jan. 1849	14	3	M	1.33 " "
	14	1	M	1.42 " "
	14	1	M	1.50 " "
	14	1	M	1.58 " "
	14	3	M	1.67 " "
	14	1	M	1.75 " "
Average	14	10	M	1.52½ " "
July 1849	14	2	M	1.33 " "
	14	1	M	1.42 " "
	14	2	M	1.50 " "
	14	2	M	1.58 " "
	14	2	M	1.67 " "
	14	1	M	1.87 " "
Average	14	10	M	1.54½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate of wages.
Jan. 1850	14	2	M	$1.33 per day.
	14	1	M	1.42 " "
	14	3	M	1.50 " "
	14	2	M	1.58 " "
	14	2	M	1.67 " "
	14	2	M	1.75 " "
Average	14	12	M	1.55 " "
July 1850	14	3	M	1.33 " "
	14	4	M	1.42 " "
	14	3	M	1.50 " "
	14	1	M	1.58 " "
	14	2	M	1.67 " "
	14	1	M	1.75 " "
Average	14	14	M	1.49 " "
Jan. 1851	14	2	M	1.33 " "
	14	2	M	1.42 " "
	14	3	M	1.50 " "
	14	2	M	1.67 " "
	14	1	M	1.75 " "
Average	14	10	M	1.51 " "
July 1851	14	1	M	1.25 " "
	14	1	M	1.33 " "
	14	3	M	1.42 " "
	14	7	M	1.50 " "
	14	1	M	1.63 " "
	14	3	M	1.67 " "
	14	1	M	1.75 " "
Average	14	17	M	1.51½ " "
Jan. 1852	12	3	M	1.33 " "
	12	2	M	1.42 " "
	12	5	M	1.50 " "
	12	1	M	1.63 " "
	12	2	M	1.67 " "
	12	1	M	1.75 " "
Average	12	14	M	1.50½ " "
July 1852	12	2	M	1.33 " "
	12	2	M	1.42 " "
	12	5	M	1.50 " "
	12	1	M	1.55 " "
	12	1	M	1.63 " "
	12	2	M	1.67 " "
	12	1	M	1.75 " "
Average	12	14	M	1.52 " "
Jan. 1853	12	3	M	1.33 " "
	12	1	M	1.42 " "
	12	4	M	1.50 " "
	12	1	M	1.55 " "
	12	1	M	1.57 " "
	12	1	M	1.63 " "
	12	2	M	1.67 " "
	12	2	M	1.75 " "
	12	1	M	1.83 " "
Average	12	16	M	1.55 " "
July 1853	12	3	M	1.33 " "
	12	1	M	1.42 " "
	12	6	M	1.50 " "
	12	1	M	1.55 " "
	12	4	M	1.67 " "
	12	3	M	1.75 " "
	12	1	M	1.83 " "
Average	12	19	M	1.56½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854	12	2	M	$1.33 per day.
	12	1	M	1.42 " "
	12	5	M	1.50 " "
	12	3	M	1.67 " "
	12	5	M	1.75 " "
	12	1	M	1.83 " "
	12	1	M	2.00 " "
Average	12	18	M	1.62 " "
July 1854	12	1	M	1.33 " "
	12	1	M	1.42 " "
	12	2	M	1.50 " "
	12	1	M	1.58 " "
	12	1	M	1.63 " "
	12	5	M	1.67 " "
	12	7	M	1.75 " "
	12	4	M	1.83 " "
	12	1	M	1.86 " "
	12	1	M	1.88 " "
	12	1	M	1.96 " "
	12	1	M	2.00 " "
Average	12	26	M	1.71½ " "
Jan. 1855	12	1	M	1.42 " "
	12	4	M	1.50 " "
	12	1	M	1.63 " "
	12	1	M	1.67 " "
	12	3	M	1.75 " "
	12	4	M	1.83 " "
	12	1	M	1.86 " "
	12	1	M	1.88 " "
	12	1	M	1.96 " "
	12	2	M	2.00 " "
Average	12	19	M	1.73½ " "
July 1855	12	3	M	1.50 " "
	12	1	M	1.54 " "
	12	4	M	1.67 " "
	12	5	M	1.75 " "
	12	2	M	1.83 " "
	12	1	M	1.86 " "
	12	1	M	1.88 " "
	12	1	M	1.96 " "
	12	2	M	2.00 " "
Average	12	20	M	1.74 " "
Jan. 1856	12	6	M	1.50 " "
	12	1	M	1.54 " "
	12	1	M	1.63 " "
	12	4	M	1.67 " "
	12	4	M	1.75 " "
	12	3	M	1.83 " "
	12	1	M	1.88 " "
	12	1	M	1.96 " "
	12	2	M	2.00 " "
Average	12	23	M	1.70½ " "
July 1856	12	1	M	1.50 " "
	12	3	M	1.67 " "
	12	2	M	1.75 " "
	12	2	M	1.83 " "
	12	1	M	1.88 " "
	12	1	M	1.96 " "
	12	2	M	2.00 " "
Average	12	12	M	1.79½ " "
Jan. 1857	12	1	M	1.50 " "
	12	3	M	1.67 " "
	12	2	M	1.75 " "
	12	3	M	1.83 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1857–	12	1	M	$1.88 per day.
conc'd.	12	1	M	1.96 " "
	12	1	M	2.00 " "
Average	12	12	M	1.78 " "
July 1857	12	1	M	1.50 " "
	12	2	M	1.67 " "
	12	2	M	1.75 " "
	12	2	M	1.83 " "
	12	1	M	1.88 " "
	12	1	M	1.91 " "
	12	1	M	1.96 " "
	12	2	M	2.00 " "
Average	12	12	M	1.81½ " "
Jan. 1858	12	2	M	1.50 " "
	12	1	M	1.67 " "
	12	2	M	1.75 " "
	12	1	M	1.83 " "
	12	1	M	1.88 " "
	12	1	M	1.91 " "
	12	1	M	1.96 " "
	12	2	M	2.00 " "
Average	12	11	M	1.79½ " "
July 1858	12	1	M	1.33 " "
	12	2	M	1.50 " "
	12	2	M	1.58 " "
	12	1	M	1.83 " "
	12	1	M	1.96 " "
	12	4	M	2.00 " "
Average	12	11	M	1.75½ " "
Jan. 1859	12	1	M	1.33 " "
	12	2	M	1.50 " "
	12	2	M	1.58 " "
	12	3	M	1.83 " "
	12	1	M	1.96 " "
	12	3	M	2.00 " "
Average	12	12	M	1.74½ " "
July 1859	12	1	M	1.33 " "
	12	2	M	1.50 " "
	12	2	M	1.58 " "
	12	4	M	1.83 " "
	12	1	M	1.96 " "
	12	3	M	2.00 " "
Average	12	13	M	1.75 " "
Jan. 1860	12	1	M	1.33 " "
	12	2	M	1.50 " "
	12	2	M	1.58 " "
	12	1	M	1.75 " "
	12	3	M	1.83 " "
	12	1	M	1.96 " "
	12	4	M	2.00 " "
Average	12	14	M	1.76½ " "
July 1860	12	2	M	1.50 " "
	12	2	M	1.58 " "
	12	1	M	1.75 " "
	12	3	M	1.83 " "
	12	1	M	1.96 " "
	12	4	M	2.00 " "
Average	12	13	M	1.79½ " "
Jan. 1861	11	1	M	1.50 " "
	11	1	M	1.58 " "
Jan. 1861–	11	3	M	$1.83 per day.
conc'd.	11	5	M	2.00 " "
Average	11	10	M	1.85½ " "
July 1861	11	1	M	1.50 " "
	11	1	M	1.58 " "
	11	3	M	1.83 " "
	11	5	M	2.00 " "
Average	11	10	M	1.85½ " "
Jan. 1862	11	1	M	1.50 " "
	11	1	M	1.58 " "
	11	3	M	1.83 " "
	11	5	M	2.00 " "
Average	11	10	M	1.85½ " "
July 1862	11	1	M	1.50 " "
	11	1	M	1.58 " "
	11	3	M	1.83 " "
	11	5	M	2.00 " "
Average	11	10	M	1.85½ " "
Jan. 1863	11	1	M	1.50 " "
	11	1	M	1.63 " "
	11	1	M	1.75 " "
	11	3	M	1.83 " "
	11	3	M	2.00 " "
Average	11	9	M	1.82 " "
July 1863	11	2	M	1.50 " "
	11	1	M	1.63 " "
	11	1	M	1.75 " "
	11	3	M	1.83 " "
	11	2	M	2.00 " "
	11	1	M	2.17 " "
Average	11	10	M	1.80½ " "
Jan. 1864	11	1	M	1.75 " "
	11	4	M	2.00 " "
	11	5	M	2.25 " "
	11	4	M	2.50 " "
Average	11	14	M	2.21½ " "
July 1864	11	1	M	1.75 " "
	11	3	M	2.00 " "
	11	1	M	2.17 " "
	11	3	M	2.25 " "
	11	5	M	2.50 " "
Average	11	13	M	2.24½ " "
Jan. 1865	11	1	M	1.75 " "
	11	3	M	2.00 " "
	11	6	M	2.25 " "
	11	4	M	2.50 " "
Average	11	14	M	2.23 " "
July 1865	11	2	M	2.00 " "
	11	5	M	2.25 " "
	11	7	M	2.50 " "
	11	1	M	2.75 " "
Average	11	15	M	2.36½ " "
Jan. 1866	11	1	M	1.50 " "
	11	2	M	2.00 " "
	11	1	M	2.17 " "
	11	4	M	2.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1866–conc'd.	11	6	M	$2.50 per day.
	11	2	M	2.75 " "
Average	11	16	M	2.32½ " "
July 1866	11	1	M	1.67 " "
	11	3	M	2.25 " "
	11	1	M	2.33 " "
	11	6	M	2.50 " "
	11	4	M	2.75 " "
	11	2	M	3.00 " "
Average	11	17	M	2.51½ " "
Jan. 1867	11	1	M	1.67 " "
	11	2	M	2.25 " "
	11	1	M	2.33 " "
	11	8	M	2.50 " "
	11	4	M	2.75 " "
	11	3	M	3.00 " "
Average	11	19	M	2.55½ " "
July 1867	11	1	M	1.67 " "
	11	3	M	2.25 " "
	11	1	M	2.33 " "
	11	8	M	2.50 " "
	11	5	M	2.75 " "
	11	4	M	3.00 " "
Average	11	22	M	2.57 " "
Jan. 1868	11	1	M	1.58 " "
	11	4	M	2.25 " "
	11	1	M	2.33 " "
	11	9	M	2.50 " "
	11	4	M	2.75 " "
	11	3	M	3.00 " "
Average	11	22	M	2.52 " "
July 1868	11	1	M	1.58 " "
	11	4	M	2.25 " "
	11	1	M	2.33 " "
	11	9	M	2.50 " "
	11	4	M	2.75 " "
	11	3	M	3.00 " "
Average	11	22	M	2.52 " "
Jan. 1869	11	1	M	1.67 " "
	11	2	M	2.00 " "
	11	4	M	2.25 " "
	11	6	M	2.50 " "
	11	3	M	2.75 " "
	11	5	M	3.00 " "
Average	11	21	M	2.52 " "
July 1869	11	1	M	1.67 " "
	11	2	M	2.00 " "
	11	4	M	2.25 " "
	11	6	M	2.50 " "
	11	3	M	2.75 " "
	11	5	M	3.00 " "
Average	11	21	M	2.52 " "
Jan. 1870	11	1	M	1.75 " "
	11	6	M	2.25 " "
	11	10	M	2.50 " "
	11	4	M	2.75 " "
	11	3	M	3.00 " "
Average	11	24	M	2.51 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1870	11	1	M	$1.75 per day.
	11	6	M	2.25 " "
	11	10	M	2.50 " "
	11	4	M	2.75 " "
	11	3	M	3.00 " "
Average	11	24	M	2.51 " "
Jan. 1871	11	1	M	1.75 " "
	11	4	M	2.25 " "
	11	10	M	2.50 " "
	11	3	M	2.75 " "
	11	4	M	3.00 " "
Average	11	22	M	2.54½ " "
July 1871	11	1	M	1.75 " "
	11	4	M	2.25 " "
	11	10	M	2.50 " "
	11	3	M	2.75 " "
	11	4	M	3.00 " "
Average	11	22	M	2.54½ " "
Jan. 1872	11	2	M	2.25 " "
	11	9	M	2.50 " "
	11	3	M	2.75 " "
	11	4	M	3.00 " "
Average	11	18	M	2.62½ " "
July 1872	11	3	M	2.25 " "
	11	8	M	2.50 " "
	11	3	M	2.75 " "
	11	4	M	3.00 " "
Average	11	18	M	2.61 " "
Jan. 1873	11	1	M	2.00 " "
	11	5	M	2.25 " "
	11	7	M	2.50 " "
	11	4	M	2.75 " "
	11	1	M	3.00 " "
Average	11	18	M	2.48½ " "
July 1873	11	2	M	2.00 " "
	11	6	M	2.25 " "
	11	8	M	2.50 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	18	M	2.40½ " "
Jan. 1874	11	2	M	2.00 " "
	11	6	M	2.25 " "
	11	8	M	2.50 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	18	M	2.40½ " "
July 1874	11	1	M	1.75 " "
	11	4	M	2.00 " "
	11	3	M	2.25 " "
	11	9	M	2.50 " "
	11	1	M	3.00 " "
Average	11	18	M	2.33½ " "
Jan. 1875	10	1	M	1.75 " "
	10	5	M	2.00 " "
	10	5	M	2.25 " "
	10	6	M	2.50 " "
	10	1	M	3.00 " "
Average	10	18	M	2.28 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10	1	M	$1.75 per day.
	10	5	M	2.00 " "
	10	6	M	2.25 " "
	10	5	M	2.50 " "
	10	1	M	3.00 " "
Average	10	18	M	2.26½ " "
Jan. 1876	10	2	M	1.75 " "
	10	4	M	2.00 " "
	10	6	M	2.25 " "
	10	5	M	2.50 " "
	10	1	M	3.00 " "
Average	10	18	M	2.25 " "
July 1876	10	3	M	1.75 " "
	10	4	M	2.00 " "
	10	7	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	18	M	2.21 " "
Jan. 1877	10	3	M	1.75 " "
	10	6	M	2.00 " "
	10	5	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	18	M	2.18 " "
July 1877	10	3	M	1.75 " "
	10	9	M	2.00 " "
	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	18	M	2.11 " "
Jan. 1878	10	1	M	1.75 " "
	10	11	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	18	M	2.15½ " "
July 1878	10	1	M	1.75 " "
	10	14	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	18	M	2.09½ " "
Jan. 1879	10	1	M	1.50 " "
	10	2	M	1.65 " "
	10	3	M	1.90 " "
	10	6	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	16	M	2.08 " "
July 1879	10	1	M	1.50 " "
	10	2	M	1.65 " "
	10	3	M	1.90 " "
	10	6	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	16	M	2.08 " "
Jan. 1880	10	1	M	$1.50 per day.
	10	2	M	1.65 " "
	10	3	M	1.90 " "
	10	6	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	16	M	2.08 " "
July 1880	10	1	M	1.50 " "
	10	2	M	1.65 " "
	10	3	M	1.90 " "
	10	6	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	16	M	2.08 " "
Jan. 1881	10	1	M	1.50 " "
	10	3	M	1.65 " "
	10	1	M	1.75 " "
	10	3	M	1.90 " "
	10	6	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	22	M	2.16½ " "
July 1881	10	1	M	1.50 " "
	10	3	M	1.65 " "
	10	1	M	1.75 " "
	10	3	M	1.90 " "
	10	6	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	22	M	2.16½ " "
Jan. 1882	10	1	M	1.50 " "
	10	2	M	1.65 " "
	10	4	M	1.90 " "
	10	5	M	2.00 " "
	10	2	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	3.00 " "
Average	10	19	M	2.10 " "
July 1882	10	1	M	1.50 " "
	10	2	M	1.65 " "
	10	4	M	1.90 " "
	10	5	M	2.00 " "
	10	2	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	3.00 " "
Average	10	19	M	2.10 " "
Jan. 1883	10	1	M	1.50 " "
	10	1	M	1.65 " "
	10	1	M	1.75 " "
	10	7	M	1.90 " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	3.00 " "
Average	10	19	M	2.09 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	1	M	$1.50 per day.
	10	1	M	1.65 " "
	10	1	M	1.75 " "
	10	7	M	1.90 " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	3.00 " "
Average	10	19	M	2.09 " "
Jan. 1884	10	1	M	1.65 " "
	10	1	M	1.75 " "
	10	3	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.19½ " "
July 1884	10	1	M	1.65 " "
	10	1	M	1.75 " "
	10	3	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.19½ " "
Jan. 1885	10	1	M	1.75 " "
	10	3	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	11	M	2.24½ " "
July 1885	10	1	M	1.75 " "
	10	3	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	11	M	2.24½ " "
Jan. 1886	10	1	M	1.75 " "
	10	4	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.21½ " "
July 1886	10	1	M	1.75 " "
	10	4	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.21½ " "
Jan. 1887	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	6	M	1.90 " "
Jan. 1887—conc'd.	10	1	M	$2.00 per day.
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
Average	10	16	M	2.16½ " "
July 1887	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	6	M	1.90 " "
	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
Average	10	16	M	2.16½ " "
Jan. 1888	10	2	M	1.50 " "
	10	2	M	1.75 " "
	10	5	M	1.90 " "
	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	16	M	2.08 " "
July 1888	10	2	M	1.50 " "
	10	2	M	1.75 " "
	10	5	M	1.90 " "
	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	16	M	2.08 " "
Jan. 1889	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	5	M	1.90 " "
	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	15	M	2.11½ " "
July 1889	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	5	M	1.90 " "
	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	15	M	2.11½ " "
Jan. 1890	10	1	M	1.50 " "
	10	4	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	11	M	2.19 " "
July 1890	10	1	M	1.50 " "
	10	4	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	11	M	2.19 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891	10	1	M	$1.50 per day.	July 1891	10	1	M	$1.50 per day.
	10	5	M	1.75 " "		10	5	M	1.75 " "
	10	6	M	1.90 " "		10	6	M	1.90 " "
	10	2	M	2.25 " "		10	2	M	2.25 " "
	10	1	M	2.50 " "		10	1	M	2.50 " "
	10	2	M	3.00 " "		10	2	M	3.00 " "
Average	10	17	M	2.04 " "	Average	10	17	M	2.04 " "

MACHINISTS' APPRENTICES.

Jan. 1840	14	1	M	.68 per day.	Jan. 1849	14	2	M	.50 per day.
July 1841	14	1	M	1.00 " "		14	1	M	.75 " "
July 1842	14	1	M	.58 " "		14	2	M	.83 " "
Jan. 1845	14	3	M	.85 " "		14	2	M	1.08 " "
						14	2	M	1.17 " "
July 1845	14	1	M	.75 " "					
	14	1	M	.85 " "	Average	14	9	M	.88 " "
Average	14	2	M	.80 " "	July 1849	14	1	M	.50 " "
						14	1	M	.60 " "
Jan. 1846	14	1	M	.50 " "		14	1	M	.67 " "
	14	2	M	.75 " "		14	1	M	.75 " "
	14	1	M	.83 " "		14	1	M	.83 " "
	14	2	M	1.00 " "		14	1	M	1.06 " "
						14	2	M	1.08 " "
Average	14	6	M	.80½ " "		14	1	M	1.17 " "
July 1846	14	1	M	.63 " "	Average	14	9	M	.86 " "
	14	3	M	.75 " "					
	14	2	M	.92 " "	Jan. 1850	14	1	M	.60 " "
	14	2	M	1.00 " "		14	1	M	.75 " "
						14	1	M	.80 " "
Average	14	8	M	.84 " "		14	2	M	.83 " "
						14	1	M	1.06 " "
Jan. 1847	14	1	M	.50 " "		14	1	M	1.08 " "
	14	1	M	.60 " "		14	1	M	1.17 " "
	14	1	M	.67 " "		14	1	M	1.25 " "
	14	2	M	.75 " "					
	14	2	M	.83 " "	Average	14	9	M	.93 " "
	14	2	M	.92 " "					
	14	1	M	1.00 " "	July 1850	14	2	M	.80 " "
	14	2	M	1.08 " "		14	1	M	1.00 " "
						14	2	M	1.17 " "
Average	14	12	M	.82½ " "					
					Average	14	5	M	.99 " "
July 1847	14	2	M	.50 " "					
	14	1	M	.60 " "	Jan. 1851	14	1	M	.50 " "
	14	3	M	.75 " "		14	1	M	.60 " "
	14	1	M	.83 " "		14	2	M	.80 " "
	14	1	M	1.00 " "		14	1	M	1.00 " "
	14	2	M	1.08 " "		14	2	M	1.17 " "
	14	2	M	1.17 " "					
Average	14	12	M	.85 " "	Average	14	7	M	.86½ " "
Jan. 1848	14	1	M	.67 " "	July 1851	14	2	M	.50 " "
	14	3	M	.75 " "		14	1	M	.80 " "
	14	3	M	.83 " "					
	14	1	M	.92 " "	Average	14	3	M	.60 " "
	14	2	M	1.08 " "					
	14	2	M	1.17 " "	Jan. 1852	12	1	M	.50 " "
						12	1	M	.80 " "
Average	14	12	M	.90½ " "		12	2	M	1.00 " "
						12	2	M	1.17 " "
July 1848	14	1	M	.50 " "					
	14	1	M	.75 " "	Average	12	6	M	.94 " "
	14	2	M	.83 " "					
	14	1	M	.92 " "	July 1852	12	1	M	.50 " "
	14	1	M	1.00 " "		12	1	M	.80 " "
	14	1	M	1.08 " "		12	3	M	1.00 " "
	14	2	M	1.17 " "		12	1	M	1.17 " "
Average	14	9	M	.91½ " "	Average	12	6	M	.91 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1853	12	1	M	$0.50 per day.
	12	1	M	.60 " "
	12	2	M	.80 " "
	12	3	M	1.00 " "
	12	1	M	1.17 " "
Average	12	8	M	.86 " "
July 1853	12	2	M	.50 " "
	12	3	M	.83 " "
	12	1	M	.92 " "
	12	2	M	1.00 " "
	12	2	M	1.17 " "
	12	1	M	1.25 " "
Average	12	11	M	.91 " "
Jan. 1854	12	1	M	.50 " "
	12	1	M	.83 " "
	12	1	M	.92 " "
	12	6	M	1.00 " "
	12	2	M	1.17 " "
	12	1	M	1.25 " "
Average	12	12	M	.98½ " "
July 1854	12	1	M	.50 " "
	12	5	M	1.00 " "
	12	1	M	1.12 " "
	12	4	M	1.17 " "
	12	1	M	1.25 " "
Average	12	12	M	1.04½ " "
Jan. 1855	12	1	M	.83 " "
	12	6	M	1.00 " "
	12	1	M	1.12 " "
	12	2	M	1.17 " "
	12	1	M	1.25 " "
Average	12	11	M	1.05 " "
July 1855	12	1	M	.60 " "
	12	1	M	.83 " "
	12	1	M	.88 " "
	12	8	M	1.00 " "
	12	1	M	1.08 " "
	12	1	M	1.12 " "
	12	1	M	1.17 " "
	12	1	M	1.25 " "
Average	12	15	M	.99½ " "
Jan. 1856	12	1	M	.70 " "
	12	4	M	.83 " "
	12	2	M	1.00 " "
	12	1	M	1.12 " "
	12	2	M	1.17 " "
	12	1	M	1.25 " "
Average	12	11	M	.97½ " "
July 1856	12	4	M	1.00 " "
	12	1	M	1.12 " "
	12	2	M	1.17 " "
	12	1	M	1.25 " "
Average	12	8	M	1.09 " "
Jan. 1857	12	6	M	1.00 " "
	12	1	M	1.12 " "
	12	2	M	1.17 " "
	12	1	M	1.42 " "
Average	12	10	M	1.09 " "
July 1857	12	4	M	$1.00 per day.
	12	1	M	1.12 " "
	12	1	M	1.17 " "
Average	12	6	M	1.05 " "
Jan. 1858	12	1	M	1.00 " "
	12	1	M	1.12 " "
Average	12	2	M	1.06 " "
July 1858	12	1	M	1.00 " "
Jan. 1859	12	1	M	1.00 " "
July 1859	12	1	M	.75 " "
	12	1	M	1.00 " "
Average	12	2	M	.87½ " "
Jan. 1860	12	1	M	.75 " "
	12	1	M	1.00 " "
Average	12	2	M	.87½ " "
July 1860	12	1	M	.75 " "
	12	1	M	1.00 " "
Average	12	2	M	.87½ " "
Jan. 1861	11	3	M	1.00 " "
July 1861	11	3	M	1.00 " "
Jan. 1862	11	3	M	1.00 " "
July 1862	11	2	M	1.00 " "
Jan. 1863	11	1	M	1.00 " "
	11	1	M	1.17 " "
Average	11	2	M	1.08½ " "
July 1863	11	2	M	1.17 " "
	11	1	M	1.25 " "
Average	11	3	M	1.19½ " "
Jan. 1864	11	3	M	1.00 " "
	11	1	M	1.17 " "
Average	11	4	M	1.04½ " "
July 1864	11	2	M	1.00 " "
	11	1	M	1.17 " "
	11	1	M	1.25 " "
Average	11	4	M	1.10½ " "
Jan. 1865	11	1	M	1.00 " "
	11	1	M	1.25 " "
Average	11	2	M	1.12½ " "
Jan. 1866	11	1	M	.67 " "
July 1866	11	1	M	1.00 " "
Jan. 1867	11	3	M	1.00 " "
July 1867	11	3	M	1.00 " "
Jan. 1868	11	4	M	1.17 " "
July 1868	11	4	M	1.17 " "
Jan. 1869	11	1	M	1.17 " "
July 1869	11	1	M	1.17 " "
Jan. 1870	11	1	M	.83 " "
July 1870	11	1	M	.83 " "
Jan. 1871	11	1	M	1.00 " "
July 1871	11	1	M	1.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	11	1	M	$0.83 per day.
	11	1	M	1.25 " "
Average	11	2	M	1.04 " "
July 1872	11	1	M	.83 " "
	11	1	M	1.25 " "
Average	11	2	M	1.04 " "
Jan. 1873	11	1	M	1.00 " "
	11	1	M	1.25 " "
Average	11	2	M	1.12½ " "
July 1873	11	2	M	1.25 " "
Jan. 1874	11	2	M	1.25 " "
July 1874	11	2	M	1.25 " "
Jan. 1875	10	2	M	1.25 " "
July 1875	10	2	M	1.25 " "
Jan. 1876	10	2	M	1.25 " "
July 1876	10	2	M	1.25 " "
Jan. 1877	10	2	M	1.25 " "
July 1877	10	2	M	1.25 " "
Jan. 1878	10	1	M	1.25 " "
July 1878	10	1	M	1.25 " "
Jan. 1879	10	1	M	.75 " "
	10	2	M	1.00 " "
Average	10	3	M	.91½ " "
July 1879	10	1	M	.75 " "
	10	2	M	1.00 " "
Average	10	3	M	.91½ " "
Jan. 1880	10	1	M	.75 " "
	10	2	M	1.00 " "
Average	10	3	M	.91½ " "
July 1880	10	1	M	.75 " "
	10	2	M	1.00 " "
Average	10	3	M	.91½ " "
Jan. 1881	10	1	M	.75 " "
	10	1	M	1.00 " "
	10	3	M	1.10 " "
Average	10	5	M	1.01 " "
July 1881	10	1	M	.75 " "
	10	1	M	1.00 " "
	10	3	M	1.10 " "
Average	10	5	M	1.01 " "
Jan. 1882	10	1	M	.75 " "
	10	1	M	.90 " "
	10	1	M	1.00 " "
	10	3	M	1.10 " "
	10	1	M	1.25 " "
Average	10	7	M	1.03 " "
July 1882	10	1	M	.75 " "
	10	1	M	.90 " "
	10	1	M	1.00 " "
	10	3	M	1.10 " "
	10	1	M	1.25 " "
Average	10	7	M	1.03 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883	10	1	M	$0.75 per day.
	10	1	M	.90 " "
	10	2	M	1.00 " "
	10	4	M	1.10 " "
	10	2	M	1.20 " "
	10	1	M	1.25 " "
Average	10	11	M	1.06½ " "
July 1883	10	1	M	.75 " "
	10	1	M	.90 " "
	10	2	M	1.00 " "
	10	4	M	1.10 " "
	10	2	M	1.20 " "
	10	1	M	1.25 " "
Average	10	11	M	1.06½ " "
Jan. 1884	10	2	M	.75 " "
	10	1	M	.90 " "
	10	1	M	1.00 " "
	10	5	M	1.10 " "
Average	10	9	M	.99 " "
July 1884	10	2	M	.75 " "
	10	1	M	1.00 " "
	10	5	M	1.10 " "
	10	1	M	1.15 " "
Average	10	9	M	1.01½ " "
Jan. 1885	10	2	M	1.00 " "
	10	3	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.20 " "
	10	1	M	1.25 " "
Average	10	8	M	1.11½ " "
July 1885	10	2	M	1.00 " "
	10	3	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.20 " "
	10	1	M	1.25 " "
Average	10	8	M	1.11½ " "
Jan. 1886	10	1	M	1.00 " "
	10	2	M	1.10 " "
	10	2	M	1.25 " "
Average	10	5	M	1.14 " "
July 1886	10	1	M	1.00 " "
	10	2	M	1.10 " "
	10	2	M	1.25 " "
Average	10	5	M	1.14 " "
Jan. 1887	10	2	M	1.00 " "
	10	3	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.20 " "
	10	1	M	1.25 " "
Average	10	8	M	1.11½ " "
July 1887	10	2	M	1.00 " "
	10	3	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.20 " "
	10	1	M	1.25 " "
Average	10	8	M	1.11½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1888	10	4	M	$1.10 per day.	July 1890	10	1	M	$1.10 per day.
July 1888	10	4	M	1.10 " "		10	1	M	1.30 " "
					Average	10	2	M	1.20 " "
Jan. 1889	10	2	M	1.10 " "	Jan. 1891	10	1	M	1.00 " "
	10	1	M	1.25 " "		10	1	M	1.10 " "
Average	10	3	M	1.15 " "		10	1	M	1.20 " "
						10	1	M	1.25 " "
July 1889	10	2	M	1.10 " "		10	1	M	1.35 " "
	10	1	M	1.30 " "	Average	10	5	M	1.18 " "
Average	10	3	M	1.16½ " "	July 1891	10	1	M	1.00 " "
						10	1	M	1.10 " "
Jan. 1890	10	1	M	1.10 " "		10	1	M	1.20 " "
	10	1	M	1.30 " "		10	1	M	1.25 " "
Average	10	2	M	1.20 " "		10	1	M	1.35 " "
					Average	10	5	M	1.18 " "

MASTER MACHINISTS.

Jan. 1840	14	1	M	2.00 per day.	July 1866	11	1	M	3.25 per day.
July 1841	14	1	M	2.00 " "	Jan. 1867	11	1	M	3.25 " "
Jan. 1842	14	1	M	2.00 " "	July 1867	11	1	M	3.25 " "
July 1842	14	1	M	2.00 " "	Jan. 1868	11	1	M	3.25 " "
Jan. 1843	14	1	M	2.00 " "	July 1868	11	1	M	3.25 " "
July 1843	14	1	M	2.00 " "	Jan. 1869	11	1	M	3.25 " "
Jan. 1844	14	1	M	2.00 " "	July 1869	11	1	M	3.25 " "
July 1844	14	1	M	2.00 " "	Jan. 1870	11	1	M	3.25 " "
Jan. 1845	14	1	M	2.00 " "	July 1870	11	1	M	3.25 " "
July 1845	14	1	M	2.00 " "	Jan. 1871	11	1	M	3.25 " "
Jan. 1846	14	1	M	2.00 " "	July 1871	11	1	M	3.25 " "
July 1846	14	1	M	2.00 " "	Jan. 1872	11	1	M	3.25 " "
Jan. 1847	14	1	M	2.00 " "	July 1872	11	1	M	3.25 " "
July 1847	14	1	M	2.00 " "	Jan. 1873	11	1	M	3.25 " "
Jan. 1848	14	1	M	2.00 " "	July 1873	11	1	M	3.25 " "
July 1848	14	1	M	2.00 " "	Jan. 1874	11	1	M	3.25 " "
Jan. 1849	14	1	M	2.00 " "	July 1874	11	1	M	3.25 " "
July 1849	14	1	M	2.00 " "	Jan. 1875	10	1	M	3.50 " "
Jan. 1850	14	1	M	2.00 " "	July 1875	10	1	M	3.50 " "
July 1850	14	1	M	2.00 " "	Jan. 1876	10	1	M	3.50 " "
Jan. 1851	14	1	M	2.00 " "	July 1876	10	1	M	3.50 " "
July 1851	14	1	M	2.00 " "	Jan. 1877	10	1	M	3.50 " "
Jan. 1852	12	1	M	2.00 " "	July 1877	10	1	M	3.50 " "
July 1852	12	1	M	2.00 " "	Jan. 1878	10	1	M	3.75 " "
Jan. 1853	12	1	M	2.00 " "	July 1878	10	1	M	3.75 " "
July 1853	12	1	M	2.00 " "	Jan. 1879	10	1	M	4.00 " "
Jan. 1854	12	1	M	2.00 " "	July 1879	10	1	M	4.00 " "
July 1854	12	1	M	2.00 " "	Jan. 1880	10	1	M	4.25 " "
Jan. 1855	12	1	M	2.00 " "	July 1880	10	1	M	4.50 " "
July 1855	12	1	M	2.00 " "	Jan. 1881	10	1	M	4.50 " "
Jan. 1856	12	1	M	2.00 " "	July 1881	10	1	M	4.50 " "
July 1856	12	1	M	2.00 " "	Jan. 1882	10	1	M	4.50 " "
Jan. 1857	12	1	M	2.00 " "	July 1882	10	1	M	4.50 " "
July 1857	12	1	M	2.00 " "	Jan. 1883	10	1	M	4.50 " "
Jan. 1858	12	1	M	2.00 " "	July 1883	10	1	M	4.50 " "
July 1858	12	1	M	2.00 " "	Jan. 1884	10	1	M	4.50 " "
Jan. 1859	12	1	M	2.00 " "	July 1884	10	1	M	4.50 " "
July 1859	12	1	M	2.00 " "	Jan. 1885	10	1	M	4.50 " "
Jan. 1860	12	1	M	2.00 " "	July 1885	10	1	M	4.50 " "
July 1860	12	1	M	2.00 " "	Jan. 1886	10	1	M	5.00 " "
Jan. 1861	11	1	M	2.25 " "	July 1886	10	1	M	5.00 " "
July 1861	11	1	M	2.25 " "	Jan. 1887	10	1	M	5.00 " "
Jan. 1862	11	1	M	2.25 " "	July 1887	10	1	M	5.00 " "
July 1862	11	1	M	2.25 " "	Jan. 1888	10	1	M	5.00 " "
Jan. 1863	11	1	M	2.25 " "	July 1888	10	1	M	5.00 " "
July 1863	11	1	M	2.50 " "	Jan. 1889	10	1	M	5.00 " "
Jan. 1864	11	1	M	3.00 " "	July 1889	10	1	M	5.00 " "
July 1864	11	1	M	3.00 " "	Jan. 1890	10	1	M	5.00 " "
Jan. 1865	11	1	M	3.00 " "	July 1890	10	1	M	5.00 " "
July 1865	11	1	M	3.00 " "	Jan. 1891	10	1	M	5.00 " "
Jan. 1866	11	1	M	3.25 " "	July 1891	10	1	M	5.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

OVERSEERS, CARDING DEPARTMENT.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1840	14	1	M	$2.00 per day.	Jan. 1868	11	1	M	$3.00 per day.
July 1841	14	1	M	2.00 " "	July 1868	11	1	M	3.00 " "
Jan. 1842	14	1	M	2.00 " "	Jan. 1869	11	1	M	3.00 " "
July 1842	14	1	M	2.00 " "	July 1869	11	1	M	3.00 " "
Jan. 1843	14	1	M	2.00 " "	Jan. 1870	11	1	M	3.00 " "
July 1843	14	1	M	2.00 " "	July 1870	11	1	M	3.00 " "
Jan. 1844	14	1	M	2.00 " "	Jan. 1871	11	1	M	3.00 " "
July 1844	14	1	M	2.00 " "	July 1871	11	1	M	3.00 " "
Jan. 1845	14	1	M	2.00 " "	Jan. 1872	11	1	M	3.00 " "
July 1845	14	1	M	2.00 " "	July 1872	11	1	M	3.00 " "
Jan. 1846	14	1	M	2.00 " "	Jan. 1873	11	1	M	3.00 " "
July 1846	14	1	M	2.00 " "	July 1873	11	1	M	3.00 " "
Jan. 1847	14	1	M	2.00 " "	Jan. 1874	11	1	M	3.00 " "
July 1847	14	1	M	2.00 " "	July 1874	11	1	M	3.00 " "
Jan. 1848	14	1	M	2.00 " "	Jan. 1875	10	1	M	3.00 " "
July 1848	14	1	M	2.00 " "	July 1875	10	1	M	3.00 " "
Jan. 1849	14	1	M	2.00 " "	Jan. 1876	10	1	M	3.00 " "
July 1849	14	1	M	2.00 " "	July 1876	10	1	M	3.00 " "
Jan. 1850	14	1	M	2.00 " "	Jan. 1877	10	1	M	3.00 " "
July 1850	14	1	M	2.00 " "	July 1877	10	1	M	3.00 " "
Jan. 1851	14	1	M	2.00 " "	Jan. 1878	10	1	M	3.00 " "
July 1851	14	1	M	2.00 " "	July 1878	10	1	M	3.00 " "
Jan. 1852	12	1	M	2.00 " "	Jan. 1879	10	1	M	4.00 " "
July 1852	12	1	M	2.00 " "	July 1879	10	1	M	4.00 " "
July 1855	12	1	M	2.50 " "	Jan. 1880	10	1	M	4.00 " "
Jan. 1856	12	1	M	2.50 " "	July 1880	10	1	M	4.00 " "
July 1856	12	1	M	2.50 " "	Jan. 1881	10	1	M	4.00 " "
Jan. 1857	12	1	M	2.50 " "	July 1881	10	1	M	4.00 " "
July 1857	12	1	M	2.50 " "	Jan. 1882	10	1	M	5.00 " "
Jan. 1858	12	1	M	2.50 " "	July 1882	10	1	M	5.00 " "
July 1858	12	1	M	2.50 " "	Jan. 1883	10	1	M	5.00 " "
Jan. 1859	12	1	M	2.50 " "	July 1883	10	1	M	5.00 " "
July 1859	12	1	M	2.50 " "	Jan. 1884	10	1	M	5.00 " "
Jan. 1860	12	1	M	2.50 " "	July 1884	10	1	M	5.00 " "
July 1860	12	1	M	2.50 " "	Jan. 1885	10	1	M	5.00 " "
Jan. 1861	11	1	M	2.50 " "	July 1885	10	1	M	5.00 " "
July 1861	11	1	M	2.50 " "	Jan. 1886	10	1	M	5.00 " "
Jan. 1862	11	1	M	2.50 " "	July 1886	10	1	M	5.00 " "
July 1862	11	1	M	2.50 " "	Jan. 1887	10	1	M	5.00 " "
Jan. 1863	11	1	M	2.50 " "	July 1887	10	1	M	5.00 " "
July 1863	11	1	M	2.50 " "	Jan. 1888	10	1	M	5.00 " "
Jan. 1864	11	1	M	2.75 " "	July 1888	10	1	M	5.00 " "
July 1864	11	1	M	2.75 " "	Jan. 1889	10	1	M	5.00 " "
Jan. 1865	11	1	M	2.75 " "	July 1889	10	1	M	5.00 " "
July 1865	11	1	M	3.00 " "	Jan. 1890	10	1	M	5.00 " "
Jan. 1866	11	1	M	3.00 " "	July 1890	10	1	M	5.00 " "
July 1866	11	1	M	3.00 " "	Jan. 1891	10	1	M	5.00 " "
Jan. 1867	11	1	M	3.00 " "	July 1891	10	1	M	5.00 " "
July 1867	11	1	M	3.00 " "					

OVERSEERS, CLOTH ROOM.

Jan. 1840	14	1	M	1.00 per day.	Jan. 1855	12	1	M	1.25 per day.
July 1841	14	1	M	1.00 " "	July 1855	12	1	M	1.25 " "
July 1842	14	1	M	1.00 " "	Jan. 1856	12	1	M	1.25 " "
Jan. 1843	14	1	M	1.00 " "	July 1856	12	1	M	1.25 " "
July 1843	14	1	M	1.00 " "	Jan. 1857	12	1	M	1.37 " "
Jan. 1844	14	1	M	1.00 " "	July 1857	12	1	M	1.42 " "
July 1844	14	1	M	1.00 " "	Jan. 1858	12	1	M	1.42 " "
Jan. 1845	14	1	M	1.00 " "	July 1858	12	1	M	1.42 " "
July 1845	14	1	M	1.00 " "	Jan. 1859	12	1	M	1.42 " "
Jan. 1846	14	1	M	1.00 " "	July 1859	12	1	M	1.42 " "
July 1846	14	1	M	1.00 " "	Jan. 1860	12	1	M	1.42 " "
Jan. 1847	14	1	M	1.25 " "	July 1860	12	1	M	1.42 " "
July 1847	14	1	M	1.25 " "	Jan. 1861	11	1	M	1.50 " "
Jan. 1848	14	1	M	1.25 " "	July 1861	11	1	M	1.50 " "
July 1848	14	1	M	1.25 " "	Jan. 1862	11	1	M	1.50 " "
Jan. 1849	14	1	M	1.25 " "	July 1862	11	1	M	1.50 " "
July 1849	14	1	M	1.25 " "	Jan. 1863	11	1	M	1.50 " "
Jan. 1853	12	1	M	1.25 " "	July 1863	11	1	M	1.50 " "
July 1853	12	1	M	1.25 " "	Jan. 1864	11	1	M	1.50 " "
Jan. 1854	12	1	M	1.00 " "	July 1864	11	1	M	1.75 " "
July 1854	12	1	M	1.00 " "	Jan. 1865	11	1	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

OVERSEERS, CLOTH ROOM—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1865	11	1	M	$1.75 per day.	Jan. 1879	10	1	M	$2.00 per day.
Jan. 1866	11	1	M	1.75 " "	July 1879	10	1	M	2.00 " "
July 1866	11	1	M	1.75 " "	Jan. 1880	10	1	M	2.50 " "
Jan. 1867	11	1	M	1.75 " "	July 1880	10	1	M	2.50 " "
July 1867	11	1	M	1.75 " "	Jan. 1881	10	1	M	2.50 " "
Jan. 1868	11	1	M	1.75 " "	July 1881	10	1	M	2.50 " "
July 1868	11	1	M	1.75 " "	Jan. 1882	10	1	M	2.50 " "
Jan. 1869	11	1	M	1.75 " "	July 1882	10	1	M	2.50 " "
July 1869	11	1	M	1.75 " "	Jan. 1883	10	1	M	2.75 " "
Jan. 1870	11	1	M	1.75 " "	July 1883	10	1	M	2.75 " "
July 1870	11	1	M	1.75 " "	Jan. 1884	10	1	M	3.00 " "
Jan. 1871	11	1	M	2.75 " "	July 1884	10	1	M	3.00 " "
July 1871	11	1	M	2.75 " "	Jan. 1885	10	1	M	3.00 " "
Jan. 1872	11	1	M	2.75 " "	July 1885	10	1	M	3.00 " "
July 1872	11	1	M	2.75 " "	Jan. 1886	10	1	M	3.00 " "
Jan. 1873	11	1	M	3.00 " "	July 1886	10	1	M	3.00 " "
July 1873	11	1	M	3.00 " "	Jan. 1887	10	1	M	3.50 " "
Jan. 1874	11	1	M	2.70 " "	July 1887	10	1	M	3.50 " "
July 1874	11	1	M	3.00 " "	Jan. 1888	10	1	M	3.50 " "
Jan. 1875	10	1	M	3.00 " "	July 1888	10	1	M	3.50 " "
July 1875	10	1	M	3.00 " "	Jan. 1889	10	1	M	3.50 " "
Jan. 1876	10	1	M	2.50 " "	July 1889	10	1	M	3.50 " "
July 1876	10	1	M	2.50 " "	Jan. 1890	10	1	M	3.50 " "
Jan. 1877	10	1	M	2.50 " "	July 1890	10	1	M	4.00 " "
July 1877	10	1	M	2.50 " "	Jan. 1891	10	1	M	4.00 " "
Jan. 1878	10	1	M	2.00 " "	July 1891	10	1	M	4.00 " "
July 1878	10	1	M	2.00 " "					

OVERSEERS, DRESSING DEPARTMENT.

Jan. 1840	14	1	M	1.50 per day.	Jan. 1863	11	1	M	2.50 per day.
Jan. 1842	14	1	M	1.50 " "	July 1863	11	1	M	2.50 " "
July 1842	14	1	M	1.50 " "	Jan. 1864	11	1	M	2.75 " "
Jan. 1843	14	1	M	1.50 " "	July 1864	11	1	M	2.75 " "
July 1843	14	1	M	1.50 " "	Jan. 1865	11	1	M	3.00 " "
Jan. 1844	14	1	M	1.67 " "	July 1865	11	1	M	3.00 " "
July 1844	14	1	M	1.50 " "	Jan. 1866	11	1	M	3.00 " "
Jan. 1845	14	1	M	1.50 " "	July 1866	11	1	M	3.00 " "
July 1845	14	1	M	1.50 " "	Jan. 1867	11	1	M	3.00 " "
Jan. 1846	14	1	M	1.50 " "	July 1867	11	1	M	3.00 " "
July 1846	14	1	M	1.50 " "	Jan. 1868	11	1	M	3.00 " "
Jan. 1847	14	1	M	1.50 " "	July 1868	11	1	M	3.00 " "
July 1847	14	1	M	1.50 " "	Jan. 1869	11	1	M	3.00 " "
Jan. 1848	14	1	M	1.75 " "	July 1869	11	1	M	3.00 " "
July 1848	14	1	M	1.75 " "	Jan. 1870	11	1	M	3.00 " "
Jan. 1849	14	1	M	2.00 " "	July 1870	11	1	M	3.00 " "
July 1849	14	1	M	2.00 " "	Jan. 1871	11	1	M	3.00 " "
Jan. 1850	14	1	M	2.00 " "	July 1871	11	1	M	3.00 " "
July 1850	14	1	M	2.00 " "	Jan. 1872	11	1	M	3.00 " "
Jan. 1851	14	1	M	2.00 " "	July 1872	11	1	M	3.00 " "
July 1851	14	1	M	2.00 " "	Jan. 1873	11	1	M	3.00 " "
Jan. 1852	12	1	M	2.00 " "	July 1873	11	1	M	3.00 " "
July 1852	12	1	M	2.00 " "	Jan. 1874	11	1	M	3.00 " "
Jan. 1853	12	1	M	2.00 " "	July 1874	11	1	M	3.00 " "
July 1853	12	1	M	2.00 " "	Jan. 1875	10	1	M	3.00 " "
Jan. 1854	12	1	M	2.00 " "	July 1875	10	1	M	3.00 " "
July 1854	12	1	M	2.00 " "	Jan. 1876	10	1	M	3.00 " "
Jan. 1855	12	1	M	2.00 " "	July 1876	10	1	M	3.00 " "
July 1855	12	1	M	2.00 " "	Jan. 1877	10	1	M	3.00 " "
Jan. 1856	12	1	M	2.00 " "	July 1877	10	1	M	3.00 " "
July 1856	12	1	M	2.00 " "	Jan. 1878	10	1	M	3.00 " "
Jan. 1857	12	1	M	2.00 " "	July 1878	10	1	M	3.00 " "
July 1857	12	1	M	2.50 " "	Jan. 1879	10	1	M	3.00 " "
Jan. 1858	12	1	M	2.50 " "	July 1879	10	1	M	3.00 " "
July 1858	12	1	M	2.50 " "	Jan. 1880	10	1	M	3.00 " "
Jan. 1859	12	1	M	2.50 " "	July 1880	10	1	M	3.00 " "
July 1859	12	1	M	2.50 " "	Jan. 1881	10	1	M	3.00 " "
Jan. 1860	12	1	M	1.83 " "	July 1881	10	1	M	3.00 " "
July 1860	12	1	M	1.83 " "	Jan. 1882	10	1	M	3.00 " "
Jan. 1861	11	1	M	1.83 " "	July 1882	10	1	M	3.00 " "
July 1861	11	1	M	1.83 " "	Jan. 1883	10	1	M	3.00 " "
Jan. 1862	11	1	M	2.50 " "	July 1883	10	1	M	3.00 " "
July 1862	11	1	M	2.50 " "	Jan. 1884	10	1	M	3.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

OVERSEERS, DRESSING DEPARTMENT—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1884	10	1	M	$3.00 per day.	Jan. 1890	10	1	M	$3.00 per day.
Jan. 1885	10	1	M	3.00 " "		10	1	M	3.50 " "
July 1885	10	1	M	3.00 " "	Average	10	2	M	3.25 " "
Jan. 1886	10	1	M	3.00 " "					
July 1886	10	1	M	3.00 " "	July 1890	10	1	M	3.00 " "
Jan. 1887	10	1	M	3.00 " "		10	1	M	3.50 " "
July 1887	10	1	M	3.00 " "	Average	10	2	M	3.25 " "
Jan. 1888	10	1	M	3.00 " "					
July 1888	10	1	M	3.00 " "	Jan. 1891	10	1	M	2.75 " "
Jan. 1889	10	1	M	3.00 " "		10	1	M	3.50 " "
	10	1	M	3.50 " "	Average	10	2	M	3.12½ " "
Average	10	2	M	3.25 " "					
July 1889	10	1	M	3.00 " "	July 1891	10	1	M	2.75 " "
	10	1	M	3.50 " "		10	1	M	3.50 " "
Average	10	2	M	3.25 " "	Average	10	2	M	3.12½ " "

OVERSEERS, SPINNING DEPARTMENT.

Jan. 1856	12	1	M	2.50 per day.	Jan. 1881	10	1	M	3.00 per day.
July 1856	12	1	M	2.50 " "		10	1	M	3.50 " "
Jan. 1857	12	1	M	2.50 " "	Average	10	2	M	3.25 " "
July 1857	12	1	M	2.50 " "					
Jan. 1858	12	1	M	2.50 " "	July 1881	10	1	M	3.00 " "
July 1858	12	1	M	2.50 " "		10	1	M	3.50 " "
Jan. 1859	12	1	M	2.50 " "	Average	10	2	M	3.25 " "
July 1859	12	1	M	2.50 " "					
Jan. 1860	12	1	M	2.50 " "	Jan. 1882	10	1	M	3.00 " "
July 1860	12	1	M	2.50 " "		10	1	M	3.50 " "
Jan. 1861	11	1	M	2.50 " "	Average	10	2	M	3.25 " "
July 1861	11	1	M	2.50 " "					
Jan. 1862	11	1	M	2.50 " "	July 1882	10	1	M	3.00 " "
July 1862	11	1	M	2.50 " "		10	1	M	3.50 " "
Jan. 1863	11	1	M	2.50 " "	Average	10	2	M	3.25 " "
Jan. 1864	11	1	M	3.00 " "					
July 1864	11	1	M	3.00 " "	Jan. 1883	10	1	M	3.00 " "
Jan. 1865	11	1	M	2.75 " "		10	1	M	5.00 " "
July 1865	11	1	M	2.75 " "	Average	10	2	M	4.00 " "
Jan. 1866	11	1	M	3.00 " "					
July 1866	11	1	M	3.00 " "	July 1883	10	1	M	3.00 " "
Jan. 1867	11	1	M	3.00 " "		10	1	M	5.00 " "
July 1867	11	1	M	3.00 " "	Average	10	2	M	4.00 " "
Jan. 1868	11	1	M	3.00 " "					
July 1868	11	1	M	3.00 " "	Jan. 1884	10	1	M	3.00 " "
Jan. 1869	11	1	M	3.00 " "		10	1	M	5.00 " "
July 1869	11	1	M	3.00 " "	Average	10	2	M	4.00 " "
Jan. 1870	11	1	M	3.00 " "					
July 1870	11	1	M	3.00 " "	July 1884	10	1	M	3.00 " "
Jan. 1871	11	1	M	3.00 " "		10	1	M	5.00 " "
July 1871	11	1	M	3.00 " "	Average	10	2	M	4.00 " "
Jan. 1872	11	1	M	3.00 " "					
July 1872	11	1	M	3.00 " "	Jan. 1885	10	1	M	3.00 " "
Jan. 1873	11	1	M	4.00 " "		10	1	M	5.00 " "
July 1873	11	1	M	4.00 " "	Average	10	2	M	4.00 " "
Jan. 1874	11	1	M	3.00 " "					
July 1874	11	1	M	3.00 " "	July 1885	10	1	M	3.00 " "
Jan. 1875	10	1	M	4.00 " "		10	1	M	5.00 " "
July 1875	10	1	M	4.00 " "	Average	10	2	M	4.00 " "
Jan. 1876	10	1	M	5.50 " "					
July 1876	10	1	M	5.50 " "					
Jan. 1877	10	1	M	5.00 " "					
July 1877	10	1	M	5.00 " "					
Jan. 1878	10	1	M	5.00 " "					
July 1878	10	1	M	5.00 " "					
Jan. 1879	10	1	M	5.00 " "					
July 1879	10	1	M	5.00 " "					
Jan. 1880	10	1	M	5.00 " "					
July 1880	10	1	M	5.00 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

OVERSEERS, SPINNING DEPARTMENT—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886	10	1	M	$3.00 per day.	Jan. 1889	10	1	M	$3.00 per day.
	10	1	M	5.00 " "		10	1	M	5.00 " "
Average	10	2	M	4.00 " "	Average	10	2	M	4.00 " "
July 1886	10	1	M	3.00 " "	July 1889	10	1	M	3.00 " "
	10	1	M	5.00 " "		10	1	M	5.00 " "
Average	10	2	M	4.00 " "	Average	10	2	M	4.00 " "
Jan. 1887	10	1	M	3.00 " "	Jan. 1890	10	1	M	3.00 " "
	10	1	M	5.00 " "		10	1	M	5.00 " "
Average	10	2	M	4.00 " "	Average	10	2	M	4.00 " "
July 1887	10	1	M	3.00 " "	July 1890	10	1	M	3.00 " "
	10	1	M	5.00 " "		10	1	M	5.00 " "
Average	10	2	M	4.00 " "	Average	10	2	M	4.00 " "
Jan. 1888	10	1	M	3.00 " "	Jan. 1891	10	1	M	3.00 " "
	10	1	M	5.00 " "		10	1	M	5.00 " "
Average	10	2	M	4.00 " "	Average	10	2	M	4.00 " "
July 1888	10	1	M	3.00 " "	July 1891	10	1	M	3.00 " "
	10	1	M	5.00 " "		10	1	M	5.00 " "
Average	10	2	M	4.00 " "	Average	10	2	M	4.00 " "

OVERSEERS, SPOOLING DEPARTMENT.

Jan. 1881	10	1	M	2.25 per day.	July 1886	10	1	M	2.20 per day.
July 1881	10	1	M	2.25 " "	Jan. 1887	10	1	M	2.20 " "
Jan. 1882	10	1	M	2.25 " "	July 1887	10	1	M	2.20 " "
July 1882	10	1	M	2.25 " "	Jan. 1888	10	1	M	2.20 " "
Jan. 1883	10	1	M	2.25 " "	July 1888	10	1	M	2.20 " "
July 1883	10	1	M	2.25 " "	Jan. 1889	10	1	M	2.50 " "
Jan. 1884	10	1	M	2.25 " "	July 1889	10	1	M	2.50 " "
July 1884	10	1	M	2.20 " "	Jan. 1890	10	1	M	2.50 " "
Jan. 1885	10	1	M	2.20 " "	July 1890	10	1	M	2.50 " "
July 1885	10	1	M	2.20 " "	Jan. 1891	10	1	M	2.50 " "
Jan. 1886	10	1	M	2.20 " "	July 1891	10	1	M	2.50 " "

OVERSEERS, WEAVING DEPARTMENT.

Jan. 1840	14	2	M	2.00 per day.	July 1852	12	1	M	1.75 per day.
July 1841	14	2	M	2.00 " "		12	1	M	2.00 " "
Jan. 1842	14	2	M	2.00 " "					
July 1842	14	2	M	2.00 " "	Average	12	2	M	1.87½ " "
Jan. 1843	14	2	M	2.00 " "	Jan. 1853	12	2	M	2.00 " "
July 1843	14	2	M	2.00 " "	July 1853	12	2	M	2.00 " "
Jan. 1844	14	2	M	2.00 " "	Jan. 1854	12	2	M	2.00 " "
July 1844	14	2	M	2.00 " "	July 1854	12	2	M	2.00 " "
Jan. 1845	14	2	M	2.00 " "	Jan. 1855	12	2	M	2.00 " "
July 1845	14	2	M	2.00 " "	July 1855	12	2	M	2.25 " "
Jan. 1846	14	2	M	2.00 " "	Jan. 1856	12	2	M	2.25 " "
July 1846	14	2	M	2.00 " "	July 1856	12	2	M	2.25 " "
Jan. 1847	14	2	M	2.00 " "	Jan. 1857	12	2	M	2.25 " "
July 1847	14	2	M	2.00 " "					
Jan. 1848	14	2	M	2.00 " "	July 1857	12	1	M	2.00 " "
July 1848	14	2	M	2.00 " "		12	1	M	2.25 " "
Jan. 1849	14	2	M	2.00 " "					
July 1849	14	2	M	2.00 " "	Average	12	2	M	2.12½ " "
Jan. 1850	14	2	M	2.00 " "	Jan. 1858	12	1	M	2.00 " "
July 1850	14	2	M	2.00 " "		12	1	M	2.25 " "
Jan. 1851	14	2	M	2.00 " "					
July 1851	14	2	M	2.00 " "					
Jan. 1852	12	2	M	2.00 " "	Average	12	2	M	2.12½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

OVERSEERS, WEAVING DEPARTMENT—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1858	12	2	M	$2.25 per day.	Jan. 1867	11	1	M	$2.17 per day.
						11	1	M	3.00 " "
Jan. 1859	12	1	M	2.25 " "					
	12	1	M	2.50 " "	Average	11	2	M	2.58½ " "
Average	12	2	M	2.37½ " "	July 1867	11	1	M	2.17 " "
						11	1	M	3.00 " "
July 1859	12	1	M	2.00 " "					
	12	1	M	2.50 " "	Average	11	2	M	2.58½ " "
Average	12	2	M	2.25 " "	Jan. 1868	11	1	M	2.25 " "
					July 1868	11	1	M	2.25 " "
Jan. 1860	12	1	M	2.00 " "	Jan. 1869	11	1	M	2.25 " "
	12	1	M	2.50 " "	July 1869	11	1	M	2.25 " "
					Jan. 1870	11	1	M	2.50 " "
Average	12	2	M	2.25 " "	July 1870	11	1	M	2.50 " "
					Jan. 1871	11	1	M	2.50 " "
July 1860	12	1	M	2.00 " "	July 1871	11	1	M	2.50 " "
	12	1	M	2.50 " "	Jan. 1872	11	1	M	2.50 " "
					July 1872	11	1	M	2.50 " "
Average	12	2	M	2.25 " "	Jan. 1873	11	1	M	2.25 " "
					July 1873	11	1	M	2.00 " "
Jan. 1861	11	2	M	2.50 " "	Jan. 1874	11	1	M	2.25 " "
July 1861	11	2	M	2.50 " "	July 1874	11	1	M	2.00 " "
Jan. 1862	11	2	M	2.50 " "	Jan. 1875	10	1	M	2.25 " "
July 1862	11	2	M	2.50 " "	July 1875	10	1	M	2.00 " "
Jan. 1863	11	1	M	2.50 " "	Jan. 1876	10	1	M	2.00 " "
July 1863	11	1	M	2.50 " "	July 1876	10	1	M	2.00 " "
					Jan. 1877	10	1	M	2.00 " "
Jan. 1864	11	1	M	1.67 " "	July 1877	10	1	M	2.00 " "
	11	1	M	2.75 " "	Jan. 1878	10	1	M	2.00 " "
					July 1878	10	1	M	2.00 " "
Average	11	2	M	2.21 " "	Jan. 1879	10	1	M	3.00 " "
					July 1879	10	1	M	3.00 " "
July 1864	11	1	M	1.83 " "	Jan. 1880	10	1	M	3.00 " "
	11	1	M	2.75 " "	July 1880	10	1	M	3.00 " "
					Jan. 1881	10	1	M	3.00 " "
Average	11	2	M	2.29 " "	July 1881	10	1	M	3.00 " "
					Jan. 1882	10	1	M	3.00 " "
Jan. 1865	11	1	M	1.83 " "	July 1882	10	1	M	3.00 " "
	11	1	M	2.75 " "	Jan. 1883	10	1	M	4.00 " "
					July 1883	10	1	M	4.00 " "
Average	11	2	M	2.29 " "	Jan. 1884	10	1	M	4.00 " "
					July 1884	10	1	M	4.00 " "
July 1865	11	1	M	2.00 " "	Jan. 1885	10	1	M	4.00 " "
	11	1	M	3.00 " "	July 1885	10	1	M	4.00 " "
					Jan. 1886	10	1	M	4.00 " "
Average	11	2	M	2.50 " "	July 1886	10	1	M	4.00 " "
					Jan. 1887	10	1	M	4.00 " "
Jan. 1866	11	1	M	2.00 " "	July 1887	10	1	M	4.00 " "
	11	1	M	3.00 " "	Jan. 1888	10	1	M	4.00 " "
					July 1888	10	1	M	4.00 " "
Average	11	2	M	2.50 " "	Jan. 1889	10	1	M	4.00 " "
					July 1889	10	1	M	4.00 " "
July 1866	11	1	M	2.00 " "	Jan. 1890	10	1	M	5.00 " "
	11	1	M	3.00 " "	July 1890	10	1	M	5.00 " "
					Jan. 1891	10	1	M	5.00 " "
Average	11	2	M	2.50 " "	July 1891	10	1	M	5.00 " "

PICKING-ROOM HANDS.

July 1848	14	1	M	.80 per day.	July 1850	14	2	M	.80 per day.
	14	1	M	1.00 " "		14	2	M	1.00 " "
Average	14	2	M	.90 " "	Average	14	4	M	.90 " "
Jan. 1849	14	2	M	1.00 " "					
July 1849	14	2	M	.80 " "	Jan. 1851	14	2	M	.80 " "
	14	2	M	1.00 " "		14	2	M	1.00 " "
Average	14	4	M	.90 " "	Average	14	4	M	.90 " "
Jan. 1850	14	2	M	.80 " "	July 1851	14	3	M	.80 " "
	14	2	M	1.00 " "		14	1	M	1.00 " "
Average	14	4	M	.90 " "	Average	14	4	M	.85 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

PICKING-ROOM HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1852	12	3	M	$0.80 per day.
	12	1	M	1.00 " "
Average	12	4	M	.85 " "
July 1852	12	3	M	.80 " "
	12	1	M	1.00 " "
Average	12	4	M	.85 " "
Jan. 1853	12	5	M	.80 " "
	12	1	M	.83 " "
	12	1	M	1.00 " "
Average	12	7	M	.83½ " "
July 1853	12	4	M	.80 " "
	12	1	M	.83 " "
	12	2	M	.90 " "
	12	1	M	1.00 " "
Average	12	8	M	.85½ " "
Jan. 1854	12	5	M	.80 " "
	12	4	M	.83 " "
	12	1	M	.90 " "
	12	1	M	1.00 " "
Average	12	11	M	.84 " "
July 1854	12	1	M	.80 " "
	12	3	M	.83 " "
	12	1	M	.90 " "
	12	1	M	1.08 " "
Average	12	6	M	.88 " "
Jan. 1855	12	2	M	.80 " "
	12	5	M	.83 " "
	12	1	M	.90 " "
	12	1	M	1.08 " "
Average	12	9	M	.86 " "
July 1855	12	5	M	.83 " "
	12	1	M	.90 " "
	12	1	M	1.08 " "
Average	12	7	M	.87½ " "
Jan. 1856	12	6	M	.83 " "
	12	1	M	.90 " "
	12	1	M	1.25 " "
Average	12	8	M	.89 " "
July 1856	12	1	M	.80 " "
	12	6	M	.83 " "
	12	1	M	.90 " "
	12	1	M	1.25 " "
Average	12	9	M	.88 " "
Jan. 1857	12	1	M	.80 " "
	12	5	M	.83 " "
	12	1	M	.90 " "
	12	1	M	1.25 " "
Average	12	8	M	.88⅓ " "
July 1857	12	6	M	.83 " "
	12	1	M	.90 " "
	12	1	M	1.00 " "
Average	12	8	M	.86 " "
Jan. 1858	12	5	M	0.83 per day.
	12	1	M	1.12 " "
Average	12	6	M	.88 " "
July 1858	12	4	M	.80 " "
	12	1	M	1.12 " "
Average	12	5	M	.86½ " "
Jan. 1859	12	5	M	.80 " "
	12	1	M	1.12 " "
Average	12	6	M	.85½ " "
July 1859	12	6	M	.80 " "
	12	1	M	1.12 " "
Average	12	7	M	.84½ " "
Jan. 1860	12	3	M	.80 " "
	12	1	M	1.00 " "
Average	12	4	M	.85 " "
July 1860	12	3	M	.80 " "
	12	1	M	1.00 " "
Average	12	4	M	.85 " "
Jan. 1861	11	5	M	.80 " "
	11	1	M	1.00 " "
Average	11	6	M	.83½ " "
July 1861	11	5	M	.80 " "
	11	1	M	1.00 " "
Average	11	6	M	.83½ " "
Jan. 1862	11	6	M	.80 " "
	11	1	M	1.00 " "
Average	11	7	M	.83 " "
July 1862	11	6	M	.80 " "
	11	1	M	1.00 " "
Average	11	7	M	.83 " "
Jan. 1863	11	1	M	.80 " "
	11	1	M	1.00 " "
Average	11	2	M	.90 " "
July 1863	11	1	M	.80 " "
	11	1	M	1.00 " "
Average	11	2	M	.90 " "
Jan. 1864	11	4	M	1.33 " "
July 1864	11	1	M	1.33 " "
	11	4	M	1.42 " "
Average	11	5	M	1.40 " "
Jan. 1865	11	1	M	1.33 " "
	11	1	M	1.42 " "
Average	11	2	M	1.37½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

PICKING-ROOM HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1865	11	1	M	$0.83 per day.
	11	2	M	1.50 " "
	11	1	M	1.67 " "
Average	11	4	M	1.37½ " "
Jan. 1866	11	1	M	1.25 " "
	11	2	M	1.50 " "
	11	3	M	1.58 " "
	11	1	M	1.75 " "
Average	11	7	M	1.53½ " "
July 1866	11	1	M	1.50 " "
	11	6	M	1.58 " "
	11	1	M	1.75 " "
Average	11	8	M	1.59 " "
Jan. 1867	11	7	M	1.58 " "
	11	1	M	1.75 " "
Average	11	8	M	1.60 " "
July 1867	11	1	M	1.33 " "
	11	2	M	1.42 " "
	11	2	M	1.50 " "
	11	3	M	1.58 " "
	11	1	M	1.67 " "
Average	11	9	M	1.51 " "
Jan. 1868	11	1	M	1.00 " "
	11	2	M	1.42 " "
	11	3	M	1.50 " "
	11	2	M	1.58 " "
Average	11	8	M	1.43½ " "
July 1868	11	2	M	1.42 " "
	11	3	M	1.50 " "
	11	2	M	1.58 " "
Average	11	7	M	1.50 " "
Jan. 1869	11	2	M	1.42 " "
	11	3	M	1.50 " "
	11	2	M	1.58 " "
Average	11	7	M	1.50 " "
July 1869	11	1	M	1.42 " "
	11	2	M	1.50 " "
	11	4	M	1.58 " "
Average	11	7	M	1.53½ " "
Jan. 1870	11	2	M	1.42 " "
	11	6	M	1.50 " "
Average	11	8	M	1.48 " "
July 1870	11	2	M	1.42 " "
	11	6	M	1.50 " "
Average	11	8	M	1.48 " "
Jan. 1871	11	1	M	1.00 " "
	11	1	M	1.33 " "
	11	7	M	1.50 " "
	11	1	M	1.75 " "
Average	11	10	M	1.46 " "
July 1871	11	1	M	1.00 " "
	11	1	M	1.33 " "
July 1871—conc'd.	11	7	M	$1.50 per day.
	11	1	M	1.75 " "
Average	11	10	M	1.46 " "
Jan. 1872	11	7	M	1.50 " "
	11	1	M	1.75 " "
Average	11	8	M	1.53 " "
July 1872	11	7	M	1.50 " "
	11	1	M	1.75 " "
Average	11	8	M	1.53 " "
Jan. 1873	11	5	M	1.25 " "
	11	2	M	1.50 " "
	11	1	M	1.75 " "
Average	11	8	M	1.37½ " "
July 1873	11	7	M	1.25 " "
	11	1	M	1.50 " "
Average	11	8	M	1.28 " "
Jan. 1874	11	1	M	1.10 " "
	11	5	M	1.25 " "
	11	1	M	1.30 " "
	11	1	M	1.50 " "
Average	11	8	M	1.27 " "
July 1874	11	2	M	1.10 " "
	11	4	M	1.25 " "
	11	1	M	1.30 " "
	11	1	M	1.50 " "
Average	11	8	M	1.25 " "
Jan. 1875	10	2	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.20 " "
	10	2	M	1.25 " "
	10	2	M	1.50 " "
Average	10	8	M	1.25½ " "
July 1875	10	1	M	1.10 " "
	10	2	M	1.15 " "
	10	1	M	1.20 " "
	10	3	M	1.25 " "
	10	1	M	1.60 " "
Average	10	8	M	1.24½ " "
Jan. 1876	10	2	M	1.10 " "
	10	1	M	1.15 " "
	10	2	M	1.20 " "
	10	2	M	1.25 " "
	10	1	M	1.60 " "
Average	10	8	M	1.23 " "
July 1876	10	1	M	1.10 " "
	10	3	M	1.15 " "
	10	1	M	1.20 " "
	10	2	M	1.25 " "
	10	1	M	1.60 " "
Average	10	8	M	1.23 " "
Jan. 1877	10	2	M	1.10 " "
	10	2	M	1.15 " "
	10	1	M	1.20 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

PICKING-ROOM HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1877–cone'd.	10	2	M	$1.25 per day.
	10	1	M	1.60 " "
Average	10	8	M	1.22½ " "
July 1877	10	2	M	1.10 " "
	10	1	M	1.15 " "
	10	2	M	1.20 " "
	10	2	M	1.25 " "
	10	1	M	1.60 " "
Average	10	8	M	1.23 " "
Jan. 1878	10	2	M	1.10 " "
	10	1	M	1.15 " "
	10	2	M	1.20 " "
	10	2	M	1.25 " "
	10	1	M	1.65 " "
Average	10	8	M	1.23½ " "
July 1878	10	2	M	1.10 " "
	10	1	M	1.15 " "
	10	2	M	1.20 " "
	10	2	M	1.25 " "
	10	1	M	1.65 " "
Average	10	8	M	1.23½ " "
Jan. 1879	10	4	M	1.00 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
	10	1	M	1.62 " "
Average	10	7	M	1.16 " "
July 1879	10	4	M	1.00 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
	10	1	M	1.62 " "
Average	10	7	M	1.16 " "
Jan. 1880	10	4	M	1.00 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
	10	1	M	1.62 " "
Average	10	7	M	1.16 " "
July 1880	10	4	M	1.00 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
	10	1	M	1.62 " "
Average	10	7	M	1.16 " "
Jan. 1881	10	5	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
	10	1	M	1.62 " "
Average	10	9	M	1.13½ " "
July 1881	10	5	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
	10	1	M	1.62 " "
Average	10	9	M	1.13½ " "
Jan. 1882	10	3	M	1.00 " "
	10	5	M	1.20 " "
	10	1	M	1.62 " "
Average	10	9	M	1.18 " "
July 1882	10	3	M	$1.00 per day.
	10	5	M	1.20 " "
	10	1	M	1.62 " "
Average	10	9	M	1.18 " "
Jan. 1883	10	3	M	1.00 " "
	10	3	M	1.20 " "
	10	1	M	1.30 " "
Average	10	7	M	1.13 " "
July 1883	10	3	M	1.00 " "
	10	3	M	1.20 " "
	10	1	M	1.30 " "
Average	10	7	M	1.13 " "
Jan. 1884	10	1	M	1.00 " "
	10	5	M	1.20 " "
	10	1	M	1.30 " "
Average	10	7	M	1.18½ " "
July 1884	10	1	M	1.00 " "
	10	5	M	1.20 " "
	10	1	M	1.30 " "
Average	10	7	M	1.18½ " "
Jan. 1885	10	1	M	1.00 " "
	10	5	M	1.20 " "
	10	1	M	1.30 " "
Average	10	7	M	1.18½ " "
July 1885	10	1	M	1.00 " "
	10	5	M	1.20 " "
	10	1	M	1.30 " "
Average	10	7	M	1.18½ " "
Jan. 1886	10	5	M	1.00 " "
	10	3	M	1.20 " "
	10	1	M	1.30 " "
Average	10	9	M	1.10 " "
July 1886	10	5	M	1.00 " "
	10	3	M	1.20 " "
	10	1	M	1.30 " "
Average	10	9	M	1.10 " "
Jan. 1887	10	5	M	1.00 " "
	10	3	M	1.20 " "
	10	1	M	1.30 " "
Average	10	9	M	1.10 " "
July 1887	10	5	M	1.00 " "
	10	3	M	1.20 " "
	10	1	M	1.30 " "
Average	10	9	M	1.10 " "
Jan. 1888	10	6	M	1.00 " "
	10	3	M	1.20 " "
	10	1	M	1.30 " "
Average	10	10	M	1.09 " "
July 1888	10	5	M	1.00 " "
	10	3	M	1.20 " "
	10	1	M	1.30 " "
Average	10	9	M	1.10 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

PICKING-ROOM HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1889	10	2	M	$1.00 per day.	July 1890	10	4	M	$1.00 per day.
	10	3	M	1.20 " "		10	3	M	1.20 " "
	10	1	M	1.30 " "		10	1	M	1.30 " "
Average	10	6	M	1.15 " "	Average	10	8	M	1.11½ " "
July 1889	10	2	M	1.00 " "	Jan. 1891	10	4	M	1.00 " "
	10	3	M	1.20 " "		10	3	M	1.20 " "
	10	1	M	1.30 " "		10	1	M	1.30 " "
Average	10	6	M	1.15 " "	Average	10	8	M	1.11½ " "
Jan. 1890	10	4	M	1.00 " "	July 1891	10	4	M	1.00 " "
	10	3	M	1.20 " "		10	3	M	1.20 " "
	10	1	M	1.30 " "		10	1	M	1.30 " "
Average	10	8	M	1.11½ " "	Average	10	8	M	1.11½ " "

RAILWAY HANDS.

Jan. 1864	11	3	M	.50 per day.	July 1871	11	4	M	.60 per day.
	11	1	M	.83 " "		11	3	M	.75 " "
Average	11	4	M	.58½ " "	Average	11	7	M	.66⅔ " "
July 1864	11	1	M	.50 " "	Jan. 1872	11	3	M	.60 " "
	11	1	M	.55 " "		11	3	M	.70 " "
						11	1	M	.80 " "
Average	11	2	M	.52½ " "	Average	11	7	M	.67 " "
Jan. 1865	11	1	M	.50 " "	July 1872	11	3	M	.60 " "
July 1865	11	1	M	.67 " "		11	2	M	.65 " "
Jan. 1866	11	1	M	.67 " "		11	1	M	.75 " "
July 1866	11	1	M	.67 " "		11	1	M	.85 " "
Jan. 1867	11	1	M	.75 " "					
July 1867	11	1	M	.80 " "	Average	11	7	M	.67 " "
Jan. 1868	11	1	M	.75 " "	Jan. 1873	11	1	M	.50 " "
	11	1	M	.80 " "		11	1	M	.65 " "
						11	1	M	.75 " "
Average	11	2	M	.77½ " "		11	2	M	1.00 " "
July 1868	11	1	M	.75 " "	Average	11	5	M	.78 " "
	11	1	M	.80 " "	July 1873	11	1	M	.50 " "
Average	11	2	M	.77½ " "		11	2	M	.70 " "
						11	2	M	1.00 " "
Jan. 1869	11	1	M	.75 " "					
	11	1	M	.80 " "	Average	11	5	M	.78 " "
Average	11	2	M	.77½ " "	Jan. 1874	11	1	M	.60 " "
						11	3	M	.75 " "
July 1869	11	1	M	.75 " "		11	1	M	.85 " "
	11	1	M	.80 " "					
					Average	11	5	M	.74 " "
Average	11	2	M	.77½ " "	July 1874	11	1	M	.65 " "
Jan. 1870	11	1	M	.80 " "		11	3	M	.80 " "
	11	1	M	.85 " "		11	1	M	.90 " "
Average	11	2	M	.82½ " "	Average	11	5	M	.79 " "
July 1870	11	1	M	.80 " "	Jan. 1875	10	1	M	.60 " "
	11	1	M	.85 " "		10	3	M	.85 " "
Average	11	2	M	.82½ " "	Average	10	4	M	.78⅓ " "
Jan. 1871	11	4	M	.60 " "	July 1875	10	1	M	.60 " "
	11	2	M	.75 " "		10	1	M	.80 " "
	11	1	M	.80 " "		10	2	M	.90 " "
Average	11	7	M	.67 " "	Average	10	4	M	.80 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

RAILWAY HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1876	10	1	M	$0.65 per day.
	10	1	M	.95 " "
	10	2	M	1.00 " "
Average	10	4	M	.90 " "
July 1876	10	1	M	.90 " "
	10	1	M	.95 " "
	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	4	M	1.02½ " "
Jan. 1877	10	1	M	.85 " "
	10	2	M	1.00 " "
Average	10	3	M	.95 " "
July 1877	10	1	M	.90 " "
	10	2	M	1.00 " "
Average	10	3	M	.96½ " "
Jan. 1878	10	1	M	.95 " "
	10	2	M	1.00 " "
Average	10	3	M	.98½ " "
July 1878	10	1	M	.90 " "
	10	2	M	1.00 " "
Average	10	3	M	.96½ " "
Jan. 1879	10	1	M	.70 " "
July 1879	10	1	M	.70 " "
Jan. 1880	10	1	M	.70 " "
July 1880	10	1	M	.70 " "
Jan. 1881	10	1	M	.70 " "
July 1881	10	1	M	.70 " "
Jan. 1882	10	1	M	.60 " "
July 1882	10	1	M	.60 " "
Jan. 1883	10	1	M	.40 " "
	10	1	M	.50 " "
	10	3	M	.60 " "
Average	10	5	M	.54 " "
July 1883	10	1	M	.40 " "
	10	1	M	.50 " "
	10	3	M	.60 " "
Average	10	5	M	.54 " "
Jan. 1884	10	2	M	.50 " "
	10	1	M	.55 " "
	10	1	M	.60 " "
	10	2	M	.65 " "
Average	10	6	M	.57½ " "
July 1884	10	2	M	.50 " "
	10	1	M	.55 " "
	10	1	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.70 " "
Average	10	6	M	.58½ " "
Jan. 1885	10	1	M	.50 " "
	10	2	M	.55 " "
Average	10	3	M	.53½ " "
July 1885	10	2	M	.50 " "
	10	1	M	.55 " "
Average	10	3	M	.51½ " "
Jan. 1886	10	1	M	$0.50 per day.
	10	3	M	.60 " "
	10	1	M	.65 " "
Average	10	5	M	.59 " "
July 1886	10	1	M	.55 " "
	10	3	M	.60 " "
	10	1	M	.65 " "
Average	10	5	M	.60 " "
Jan. 1887	10	1	M	.50 " "
	10	2	M	.60 " "
	10	2	M	.65 " "
Average	10	5	M	.60 " "
July 1887	10	1	M	.55 " "
	10	2	M	.60 " "
	10	2	M	.65 " "
Average	10	5	M	.61 " "
Jan. 1888	10	1	M	.60 " "
	10	2	M	.65 " "
	10	2	M	.70 " "
Average	10	5	M	.66 " "
July 1888	10	1	M	.60 " "
	10	2	M	.65 " "
	10	1	M	.70 " "
	10	1	M	.75 " "
Average	10	5	M	.67 " "
Jan. 1889	10	1	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.70 " "
	10	1	M	.80 " "
Average	10	4	M	.68½ " "
July 1889	10	1	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.70 " "
	10	1	M	.80 " "
Average	10	4	M	.68½ " "
Jan. 1890	10	2	M	.60 " "
	10	2	M	.70 " "
	10	1	M	.75 " "
Average	10	5	M	.67 " "
July 1890	10	1	M	.55 " "
	10	1	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.70 " "
	10	1	M	.75 " "
Average	10	5	M	.65 " "
Jan. 1891	10	3	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
	10	2	M	.80 " "
Average	10	7	M	.68½ " "
July 1891	10	3	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
	10	2	M	.80 " "
Average	10	7	M	.68½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROOM HANDS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1858	12	1	F	$0.67 per day.
Jan. 1859	12	1	F	.67 " "
July 1859	12	1	F	.67 " "
Jan. 1860	12	1	F	.67 " "
July 1860	12	1	F	.67 " "
Jan. 1861	11	1	F	.75 " "
July 1861	11	1	F	.75 " "
Jan. 1862	11	1	F	.75 " "
July 1862	11	1	F	.75 " "
Jan. 1863	11	1	F	.75 " "
July 1863	11	1	F	.75 " "
Jan. 1864	11	1	M	.45 " "
	11	1	M	.50 " "
	11	1	F	.54 " "
	11	1	M	.63 " "
	11	2	M	.71 " "
	11	1	F	.71 " "
	11	2	M	.92 " "
Average	11	9	.....	.67½ " "
July 1864	11	1	M	.50 " "
	11	2	M	.63 " "
	11	1	F	.71 " "
	11	3	M	.92 " "
Average	11	7	.....	.74½ " "
Jan. 1865	11	1	M	.63 " "
	11	2	F	.71 " "
	11	1	M	1.00 " "
Average	11	4	.....	.76½ " "
July 1865	11	1	M	.65 " "
	11	1	M	1.00 " "
	11	1	F	1.00 " "
Average	11	3	.....	.88½ " "
Jan. 1866	11	2	F	.75 " "
	11	1	M	.83 " "
	11	2	F	.83 " "
	11	2	M	1.00 " "
	11	1	M	1.25 " "
	11	4	F	1.25 " "
Average	11	12	.....	1.02 " "
July 1866	11	1	F	.80 " "
	11	1	M	1.00 " "
	11	1	M	1.25 " "
	11	1	F	1.25 " "
Average	11	4	.....	1.07½ " "
Jan. 1867	11	2	F	.75 " "
	11	1	F	.85 " "
	11	1	M	.88 " "
	11	1	M	.92 " "
	11	2	F	1.29 " "
	11	1	M	1.50 " "
	11	1	F	1.50 " "
	11	1	M	1.63 " "
Average	11	10	.....	1.13½ " "
July 1867	11	2	F	.75 " "
	11	1	F	.85 " "
	11	1	M	.88 " "
	11	1	M	1.00 " "
	11	1	F	1.25 " "
	11	2	F	1.29 " "
	11	1	M	1.50 " "
	11	1	M	1.63 " "
Average	11	10	.....	1.12 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1868	11	2	F	$0.75 per day.
	11	2	M	.83 " "
	11	2	F	1.21 " "
	11	1	M	1.38 " "
	11	1	F	1.38 " "
	11	1	M	1.42 " "
Average	11	9	.....	1.08½ " "
July 1868	11	2	F	.75 " "
	11	2	M	.83 " "
	11	2	F	1.21 " "
	11	1	M	1.38 " "
	11	1	F	1.38 " "
	11	1	M	1.42 " "
Average	11	9	.....	1.08½ " "
Jan. 1869	11	2	M	.75 " "
	11	2	F	.75 " "
	11	2	M	.83 " "
	11	2	F	1.25 " "
	11	1	F	1.38 " "
	11	1	M	1.42 " "
Average	11	10	.....	.99½ " "
July 1869	11	2	M	.75 " "
	11	2	F	.75 " "
	11	2	M	.83 " "
	11	2	F	1.25 " "
	11	1	F	1.38 " "
	11	1	M	1.42 " "
Average	11	10	.....	.99½ " "
Jan. 1870	11	1	F	.75 " "
	11	1	M	.83 " "
	11	2	F	1.33 " "
	11	1	F	1.36 " "
	11	1	M	1.38 " "
	11	1	F	1.38 " "
Average	11	7	.....	1.19½ " "
July 1870	11	1	F	.75 " "
	11	1	M	.83 " "
	11	2	F	1.33 " "
	11	1	F	1.36 " "
	11	1	M	1.38 " "
	11	1	F	1.38 " "
Average	11	7	.....	1.19½ " "
Jan 1871	11	1	F	.75 " "
	11	2	F	.83 " "
	11	1	F	.96 " "
	11	1	M	1.00 " "
	11	1	F	1.00 " "
	11	1	F	1.17 " "
	11	2	F	1.33 " "
	11	1	F	1.38 " "
	11	1	F	1.42 " "
Average	11	11	.....	1.09 " "
July 1871	11	1	F	.75 " "
	11	2	F	.83 " "
	11	1	F	.96 " "
	11	1	M	1.00 " "
	11	1	F	1.00 " "
	11	1	F	1.17 " "
	11	2	F	1.33 " "
	11	1	F	1.38 " "
	11	1	F	1.42 " "
Average	11	11	.....	1.09 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROOM HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	11	1	F	$0.67 per day.
	11	1	F	.71 " "
	11	2	F	.83 " "
	11	1	M	1.00 " "
	11	1	F	1.00 " "
	11	1	F	1.25 " "
	11	2	F	1.33 " "
	11	1	M	1.38 " "
	11	1	F	1.38 " "
Average	11	11	.....	1.06½ " "
July 1872	11	1	F	.67 " "
	11	1	F	.71 " "
	11	2	F	.83 " "
	11	1	M	1.00 " "
	11	1	F	1.00 " "
	11	1	F	1.25 " "
	11	2	F	1.33 " "
	11	1	M	1.38 " "
	11	1	F	1.38 " "
Average	11	11	.....	1.06½ " "
Jan. 1873	11	1	F	.50 " "
	11	1	F	.60 " "
	11	2	F	.80 " "
	11	1	M	1.00 " "
	11	1	F	1.00 " "
	11	2	F	1.25 " "
	11	2	F	1.33 " "
	11	1	M	1.35 " "
Average	11	11	.....	1.02 " "
July 1873	11	1	F	.50 " "
	11	1	F	.65 " "
	11	1	F	.75 " "
	11	1	F	.80 " "
	11	1	M	.95 " "
	11	1	F	1.00 " "
	11	1	F	1.20 " "
	11	1	F	1.25 " "
	11	1	M	1.33 " "
	11	2	F	1.33 " "
Average	11	11	.....	1.01 " "
Jan. 1874	11	1	F	.60 " "
	11	1	F	.70 " "
	11	1	F	.80 " "
	11	1	F	.85 " "
	11	1	M	1.00 " "
	11	1	F	1.05 " "
	11	1	F	1.20 " "
	11	1	F	1.25 " "
	11	1	F	1.30 " "
	11	1	M	1.33 " "
	11	1	F	1.33 " "
Average	11	11	.....	1.03½ " "
July 1874	11	1	F	.65 " "
	11	1	F	.75 " "
	11	1	M	.80 " "
	11	1	F	.85 " "
	11	1	F	1.00 " "
	11	2	F	1.10 " "
	11	1	F	1.20 " "
	11	1	M	1.25 " "
	11	1	F	1.25 " "
	11	1	F	1.30 " "
Average	11	11	.....	1.02½ " "
Jan. 1875	10	1	F	.67 " "
	10	1	M	.80 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1875–conc'd.	10	1	F	$0.80 per day.
	10	1	F	.90 " "
	10	1	F	1.05 " "
	10	1	F	1.10 " "
	10	1	F	1.15 " "
	10	2	F	1.20 " "
	10	1	M	1.25 " "
	10	1	F	1.30 " "
Average	10	11	.....	1.04 " "
July 1875	10	1	F	.67 " "
	10	1	M	.85 " "
	10	2	F	1.00 " "
	10	2	F	1.10 " "
	10	2	F	1.15 " "
	10	1	M	1.20 " "
	10	1	F	1.20 " "
	10	1	F	1.25 " "
Average	10	11	.....	1.06 " "
Jan. 1876	10	1	F	.67 " "
	10	1	M	.90 " "
	10	1	F	.95 " "
	10	1	F	1.05 " "
	10	3	F	1.10 " "
	10	1	M	1.20 " "
	10	1	F	1.20 " "
	10	2	F	1.25 " "
Average	10	11	.....	1.07 " "
July 1876	10	1	F	.67 " "
	10	1	M	1.00 " "
	10	1	F	1.00 " "
	10	3	F	1.10 " "
	10	1	M	1.15 " "
	10	3	F	1.15 " "
	10	1	F	1.20 " "
Average	10	11	.....	1.07 " "
Jan. 1877	10	1	F	.67 " "
	10	1	M	.95 " "
	10	1	F	1.05 " "
	10	5	F	1.10 " "
	10	1	M	1.15 " "
	10	2	F	1.15 " "
Average	10	11	.....	1.05½ " "
July 1877	10	1	F	.67 " "
	10	1	M	1.00 " "
	10	1	F	1.00 " "
	10	5	F	1.10 " "
	10	1	M	1.15 " "
	10	2	F	1.15 " "
Average	10	11	.....	1.05½ " "
Jan. 1878	10	1	F	.67 " "
	10	1	M	1.00 " "
	10	1	F	1.00 " "
	10	1	F	1.05 " "
	10	2	F	1.10 " "
	10	1	M	1.15 " "
	10	3	F	1.15 " "
	10	1	F	1.25 " "
Average	10	11	.....	1.07 " "
July 1878	10	1	F	.67 " "
	10	1	M	.95 " "
	10	2	F	1.00 " "
	10	2	F	1.10 " "
	10	1	M	1.15 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROOM HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1878–conc'd.	10	2	F	$1.15 per day.
	10	1	F	1.20 " "
	10	1	F	1.25 " "
Average	10	11	.....	1.06½ " "
Jan. 1879	10	1	M	.40 " "
	10	1	M	.50 " "
	10	1	M	.60 " "
	10	2	F	.60 " "
	10	1	M	1.00 " "
	10	4	F	1.00 " "
Average	10	10	.....	.77 " "
July 1879	10	1	M	.40 " "
	10	1	M	.50 " "
	10	1	M	.60 " "
	10	2	F	.60 " "
	10	1	M	1.00 " "
	10	4	F	1.00 " "
Average	10	10	.....	.77 " "
Jan. 1880	10	1	M	.40 " "
	10	1	M	.50 " "
	10	1	M	.60 " "
	10	2	F	.60 " "
	10	1	M	1.00 " "
	10	4	F	1.00 " "
Average	10	10	.....	.77 " "
July 1880	10	1	M	.40 " "
	10	1	M	.50 " "
	10	1	M	.60 " "
	10	2	F	.60 " "
	10	1	M	1.00 " "
	10	4	F	1.00 " "
Average	10	10	.....	.77 " "
Jan. 1881	10	1	M	.40 " "
	10	1	M	.50 " "
	10	1	M	.60 " "
	10	2	F	.60 " "
	10	1	M	1.00 " "
	10	4	F	1.00 " "
Average	10	10	.....	.77 " "
July 1881	10	1	M	.40 " "
	10	1	M	.50 " "
	10	1	M	.60 " "
	10	2	F	.60 " "
	10	1	M	1.00 " "
	10	4	F	1.00 " "
Average	10	10	.....	.77 " "
Jan. 1882	10	1	M	.40 " "
	10	1	M	.60 " "
	10	3	F	.60 " "
	10	2	M	.80 " "
	10	1	M	1.00 " "
	10	4	F	1.00 " "
Average	10	12	.....	.78½ " "
July 1882	10	1	M	.40 " "
	10	1	M	.60 " "
	10	3	F	.60 " "
	10	2	M	.80 " "
	10	1	M	1.00 " "
	10	4	F	1.00 " "
Average	10	12	.....	.78½ " "
Jan. 1883	10	1	F	$0.50 per day.
	10	3	F	.60 " "
	10	1	M	1.00 " "
	10	5	F	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.25 " "
Average	10	12	.....	.88½ " "
July 1883	10	1	F	.50 " "
	10	3	F	.60 " "
	10	1	M	1.00 " "
	10	5	F	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.25 " "
Average	10	12	.....	.88½ " "
Jan. 1884	10	2	F	.60 " "
	10	1	F	.70 " "
	10	1	M	1.00 " "
	10	5	F	1.00 " "
	10	1	M	1.10 " "
Average	10	10	.....	.90 " "
July 1884	10	2	F	.60 " "
	10	1	F	.70 " "
	10	1	M	1.00 " "
	10	5	F	1.00 " "
	10	1	M	1.10 " "
Average	10	10	.....	.90 " "
Jan. 1885	10	2	F	.70 " "
	10	3	F	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
Average	10	7	.....	.95½ " "
July 1885	10	2	F	.70 " "
	10	3	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
Average	10	7	.....	.95½ " "
Jan. 1886	10	2	F	.70 " "
	10	3	F	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
Average	10	7	.....	.95½ " "
July 1886	10	2	F	.70 " "
	10	3	F	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
Average	10	7	.....	.95½ " "
Jan. 1887	10	1	M	.50 " "
	10	1	F	.60 " "
	10	1	F	.70 " "
	10	4	F	1.00 " "
	10	2	M	1.10 " "
	10	1	F	1.10 " "
Average	10	10	....	.91 " "
July 1887	10	1	M	.50 " "
	10	1	F	.60 " "
	10	1	F	.70 " "
	10	4	F	1.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROOM HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887–conc'd.	10	2	M	$1.10 per day.
	10	1	F	1.10 " "
Average	10	10	.....	.91 " "
Jan. 1888	10	1	M	.50 " "
	10	1	F	.60 " "
	10	1	F	.70 " "
	10	1	M	1.10 " "
	10	4	F	1.10 " "
	10	1	M	1.20 " "
	10	1	F	1.20 " "
Average	10	10	.....	.97 " "
July 1888	10	1	M	.50 " "
	10	1	F	.60 " "
	10	1	F	.70 " "
	10	1	M	1.10 " "
	10	3	F	1.10 " "
	10	1	M	1.20 " "
	10	2	F	1.20 " "
Average	10	10	.....	.98 " "
Jan. 1889	10	1	F	.50 " "
	10	1	F	.60 " "
	10	1	M	.70 " "
	10	1	F	.70 " "
	10	1	F	1.10 " "
	10	2	M	1.20 " "
	10	4	F	1.20 " "
Average	10	11	.....	.98 " "
July 1889	10	1	F	.50 " "
	10	1	F	.60 " "
	10	1	M	.70 " "
	10	1	F	.70 " "
July 1889–conc'd.	10	2	M	$1.20 per day.
	10	5	F	1.20 " "
Average	10	11	.....	.99 " "
Jan. 1890	10	2	F	.50 " "
	10	1	M	.70 " "
	10	1	F	1.17 " "
	10	2	F	1.20 " "
	10	1	M	1.25 " "
	10	1	F	1.35 " "
	10	1	F	1.40 " "
Average	10	9	.....	1.03 " "
July 1890	10	2	F	.50 " "
	10	1	M	.70 " "
	10	1	M	1.05 " "
	10	1	F	1.17 " "
	10	2	F	1.20 " "
	10	1	M	1.25 " "
	10	1	F	1.35 " "
	10	1	F	1.40 " "
Average	10	10	.....	1.03 " "
Jan. 1891	10	2	F	.50 " "
	10	1	M	1.05 " "
	10	1	F	1.17 " "
	10	3	F	1.35 " "
Average	10	7	.....	1.04 " "
July 1891	10	1	F	.50 " "
	10	1	F	.60 " "
	10	1	M	1.05 " "
	10	1	F	1.17 " "
	10	3	F	1.35 " "
Average	10	7	.....	1.05½ " "

ROVING HANDS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1856	12	6	M	.67 per day.
July 1856	12	5	M	.67 " "
Jan. 1857	12	3	M	.67 " "
July 1857	12	4	M	.67 " "
Jan. 1858	12	5	M	.67 " "
July 1858	12	2	M	.38 " "
July 1859	12	4	M	.38 " "
Jan. 1860	12	4	M	.38 " "
July 1860	12	4	M	.38 " "
	12	1	M	.40 " "
Average	12	5	M	.38½ " "
Jan. 1861	11	3	M	.38 " "
	11	1	M	.40 " "
Average	11	4	M	.38½ " "
July 1861	11	1	M	.33 " "
	11	1	M	.38 " "
	11	1	M	.42 " "
	11	1	M	.46 " "
Average	11	4	M	.39½ " "
July 1862	11	1	M	.50 " "
Jan. 1864	11	1	F	.38 " "
	11	1	M	.40 " "
Jan. 1864–conc'd.	11	2	M	.50 per day.
	11	3	F	.50 " "
	11	1	F	.58 " "
	11	3	F	.60 " "
	11	1	F	.65 " "
	11	2	F	.70 " "
Average	11	14	.....	.55 " "
July 1864	11	1	F	.38 " "
	11	3	M	.50 " "
	11	2	F	.50 " "
	11	1	F	.58 " "
	11	1	F	.60 " "
	11	3	F	.65 " "
	11	1	F	.70 " "
	11	1	F	.72 " "
	11	1	F	.80 " "
Average	11	14	.....	.59 " "
Jan. 1865	11	2	M	.55 " "
	11	4	F	.65 " "
	11	1	F	.70 " "
	11	1	F	.75 " "
	11	1	F	.78 " "
Average	11	9	.....	.66 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROVING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1865	11	1	M	$0.55 per day.
	11	1	M	.60 " "
	11	2	F	.65 " "
	11	2	F	.70 " "
	11	1	F	.75 " "
	11	2	F	.80 " "
Average	11	9	.....	.69 " "
Jan. 1866	11	1	M	.50 " "
	11	1	M	.58 " "
	11	1	M	.60 " "
	11	1	M	.65 " "
	11	4	F	.70 " "
	11	1	F	.75 " "
	11	2	F	.80 " "
Average	11	11	.....	.68 " "
July 1866	11	2	M	.60 " "
	11	1	M	.65 " "
	11	1	M	.70 " "
	11	4	F	.75 " "
	11	1	F	.80 " "
	11	2	F	.85 " "
Average	11	11	.....	.73 " "
Jan. 1867	11	1	M	.65 " "
	11	2	M	.67 " "
	11	1	F	.67 " "
	11	1	M	.75 " "
	11	5	F	.80 " "
	11	2	F	.85 " "
Average	11	12	.....	.76 " "
July 1867	11	3	M	.50 " "
	11	1	M	.60 " "
	11	3	M	.67 " "
	11	1	F	.75 " "
	11	1	M	.80 " "
	11	5	F	.85 " "
	11	1	F	.88 " "
Average	11	15	.....	.72 " "
Jan. 1868	11	1	M	.50 " "
	11	1	M	.58 " "
	11	1	M	.60 " "
	11	2	M	.63 " "
	11	5	F	.75 " "
	11	3	F	.80 " "
	11	1	M	.85 " "
	11	3	F	.85 " "
	11	1	F	.88 " "
Average	11	18	.....	.74½ " "
July 1868	11	1	M	.33 " "
	11	1	M	.50 " "
	11	1	M	.63 " "
	11	1	M	.65 " "
	11	1	M	.75 " "
	11	6	F	.75 " "
	11	1	M	.80 " "
	11	2	F	.80 " "
	11	5	F	.85 " "
Average	11	19	.....	.73½ " "
Jan. 1869	11	1	M	.33 " "
	11	1	M	.50 " "
	11	1	M	.63 " "
	11	1	M	.65 " "
	11	1	M	.75 " "
Jan. 1869–conc'd.	11	3	F	$0.75 per day.
	11	1	M	.80 " "
	11	6	F	.80 " "
	11	3	F	.85 " "
	11	1	F	.90 " "
Average	11	19	.....	.74½ " "
July 1869	11	1	M	.33 " "
	11	1	M	.54 " "
	11	1	M	.60 " "
	11	2	M	.75 " "
	11	3	F	.75 " "
	11	3	F	.80 " "
	11	5	F	.85 " "
	11	1	F	.95 " "
Average	11	17	.....	.75½ " "
Jan. 1870	11	1	M	.60 " "
	11	1	M	.75 " "
	11	1	M	.80 " "
	11	7	F	.80 " "
	11	5	F	.85 " "
	11	1	F	.90 " "
Average	11	16	.....	.80½ " "
July 1870	11	1	M	.65 " "
	11	1	M	.75 " "
	11	1	F	.75 " "
	11	6	F	.80 " "
	11	1	M	.85 " "
	11	4	F	.85 " "
	11	1	F	.90 " "
	11	1	F	.95 " "
Average	11	16	.....	.81½ " "
Jan. 1871	11	1	M	.75 " "
	11	1	M	.80 " "
	11	4	F	.85 " "
	11	7	F	.90 " "
	11	1	M	.95 " "
	11	2	F	.95 " "
Average	11	16	.....	.88 " "
July 1871	11	1	M	.75 " "
	11	1	M	.85 " "
	11	2	F	.90 " "
	11	5	F	.95 " "
	11	1	M	1.00 " "
	11	6	F	1.00 " "
Average	11	16	.....	.94½ " "
Jan. 1872	11	1	M	.83 " "
	11	1	M	.90 " "
	11	2	F	.90 " "
	11	3	F	.95 " "
	11	1	M	1.00 " "
	11	8	F	1.00 " "
Average	11	16	.....	.96 " "
July 1872	11	1	F	.85 " "
	11	3	F	.95 " "
	11	2	M	1.00 " "
	11	9	F	1.00 " "
Average	11	15	.....	.98 " "
Jan. 1873	11	3	F	80 " "
	11	3	F	.85 " "
	11	1	M	.99 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROVING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1873–cond'd.	11	2	F	$0.90 per day.
	11	1	M	.95 " "
	11	1	F	.95 " "
Average	11	11	.....	.87 " "
July 1873	11	1	F	.70 " "
	11	1	F	.75 " "
	11	3	F	.80 " "
	11	1	M	.85 " "
	11	2	F	.85 " "
	11	1	M	.90 " "
	11	3	F	.90 " "
Average	11	12	.....	.83½ " "
Jan. 1874	11	2	F	.65 " "
	11	1	F	.70 " "
	11	3	F	.75 " "
	11	1	M	.80 " "
	11	2	F	.80 " "
	11	1	M	.85 " "
	11	2	F	.85 " "
	11	1	F	.95 " "
Average	11	13	.....	.78 " "
July 1874	11	1	F	.60 " "
	11	1	F	.65 " "
	11	3	F	.70 " "
	11	2	F	.75 " "
	11	2	M	.80 " "
	11	1	F	.80 " "
	11	2	F	.85 " "
	11	1	F	1.00 " "
Average	11	13	.....	.76½ " "
Jan. 1875	10	5	F	.65 " "
	10	1	F	.70 " "
	10	1	M	.75 " "
	10	3	F	.75 " "
	10	1	M	.80 " "
	10	2	F	.80 " "
	10	1	F	.95 " "
Average	10	14	.....	.73⅛ " "
July 1875	10	1	M	.60 " "
	10	3	F	.60 " "
	10	2	F	.65 " "
	10	2	F	.70 " "
	10	1	M	.75 " "
	10	1	F	.75 " "
	10	3	F	.80 " "
	10	1	F	.90 " "
Average	10	14	.....	.70½ " "
Jan. 1876	10	1	M	.50 " "
	10	1	F	.60 " "
	10	5	F	.65 " "
	10	1	M	.75 " "
	10	5	F	.75 " "
	10	1	F	.85 " "
Average	10	14	.....	.69½ " "
July 1876	10	1	M	.40 " "
	10	2	M	.50 " "
	10	3	F	.60 " "
	10	4	F	.65 " "
	10	1	M	.70 " "
	10	1	F	.70 " "
	10	1	F	.75 " "
	10	3	F	.80 " "
Average	10	16	.....	.64½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1877	10	1	M	$0.45 per day.
	10	1	M	.50 " "
	10	1	M	.60 " "
	10	6	F	.60 " "
	10	1	M	.65 " "
	10	2	F	.65 " "
	10	1	F	.70 " "
	10	2	F	.80 " "
	10	1	F	.85 " "
Average	10	16	.....	.64 " "
July 1877	10	1	M	.45 " "
	10	3	M	.60 " "
	10	3	F	.60 " "
	10	2	F	.65 " "
	10	1	F	.70 " "
	10	2	F	.75 " "
	10	1	F	.80 " "
Average	10	13	.....	.64 " "
Jan. 1878	10	2	M	.50 " "
	10	1	F	.55 " "
	10	1	M	.60 " "
	10	3	F	.60 " "
	10	1	M	.65 " "
	10	1	F	.65 " "
	10	1	F	.70 " "
	10	2	F	.75 " "
	10	1	F	.80 " "
Average	10	13	.....	.63½ " "
July 1878	10	2	M	.50 " "
	10	1	F	.50 " "
	10	2	M	.60 " "
	10	4	F	.60 " "
	10	2	F	.65 " "
	10	1	F	.75 " "
	10	1	F	.80 " "
Average	10	13	.....	.61 " "
Jan. 1879	10	4	M	.40 " "
	10	2	F	.50 " "
	10	2	M	.55 " "
	10	2	M	.60 " "
	10	3	F	.60 " "
	10	1	F	.75 " "
	10	1	F	.90 " "
Average	10	15	.....	.55½ " "
July 1879	10	3	M	.40 " "
	10	1	M	.45 " "
	10	2	M	.50 " "
	10	1	F	.50 " "
	10	1	F	.55 " "
	10	2	M	.60 " "
	10	3	F	.60 " "
	10	1	M	.65 " "
	10	1	F	.75 " "
	10	1	F	.90 " "
Average	10	16	.....	.56½ " "
Jan. 1880	10	4	M	.40 " "
	10	1	M	.45 " "
	10	1	M	.50 " "
	10	1	F	.50 " "
	10	1	M	.55 " "
	10	2	F	.55 " "
	10	3	M	.65 " "
	10	2	F	.65 " "
	10	1	F	.75 " "
	10	1	F	.90 " "
Average	10	17	.....	.56½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROVING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880	10	2	M	$0.40 per day.
	10	4	M	.50 " "
	10	3	F	.55 " "
	10	2	M	.60 " "
	10	2	F	.60 " "
	10	1	M	.65 " "
	10	1	F	.75 " "
	10	1	F	.85 " "
Average	10	16	.....	.57 " "
Jan. 1881	10	1	M	.40 " "
	10	3	F	.40 " "
	10	4	M	.50 " "
	10	3	F	.50 " "
	10	1	M	.60 " "
	10	1	F	.75 " "
	10	1	F	.80 " "
Average	10	14	.....	.52 " "
July 1881	10	1	M	.40 " "
	10	3	F	.40 " "
	10	4	M	.50 " "
	10	3	F	.50 " "
	10	1	M	.60 " "
	10	1	F	.75 " "
	10	1	F	.80 " "
Average	10	14	.....	.52 " "
Jan. 1882	10	1	F	.45 " "
	10	2	M	.50 " "
	10	2	F	.50 " "
	10	3	M	.55 " "
	10	2	F	.55 " "
	10	1	M	.60 " "
	10	1	F	.70 " "
	10	1	F	.85 " "
Average	10	13	.....	.56½ " "
July 1882	10	2	F	.45 " "
	10	1	M	.50 " "
	10	3	M	.55 " "
	10	3	F	.55 " "
	10	1	M	.60 " "
	10	1	F	.60 " "
	10	1	F	.70 " "
	10	1	F	.85 " "
Average	10	13	.....	.57½ " "
Jan. 1883	10	4	M	.40 " "
	10	3	F	.40 " "
	10	2	M	.45 " "
	10	2	F	.45 " "
	10	1	M	.50 " "
	10	2	F	.50 " "
	10	1	M	.55 " "
	10	1	F	.55 " "
	10	3	F	.60 " "
	10	1	F	.70 " "
	10	1	M	.80 " "
Average	10	21	.....	.50 " "
July 1883	10	4	M	.40 " "
	10	3	F	.40 " "
	10	4	M	.45 " "
	10	1	F	.45 " "
	10	1	M	.50 " "
	10	3	F	.50 " "
	10	1	M	.55 " "
	10	1	F	.55 " "
	10	3	F	.60 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883—conc'd.	10	1	F	$0.70 per day.
	10	1	M	.80 " "
Average	10	23	.....	.50 " "
Jan. 1884	10	3	M	.40 " "
	10	1	F	.40 " "
	10	1	M	.45 " "
	10	1	M	.50 " "
	10	1	F	.50 " "
	10	3	F	.55 " "
	10	2	M	.60 " "
	10	1	F	.60 " "
	10	2	F	.70 " "
	10	1	F	.75 " "
	10	2	M	.80 " "
Average	10	18	.....	.57 " "
July 1884	10	3	M	.40 " "
	10	1	F	.40 " "
	10	2	M	.50 " "
	10	1	F	.50 " "
	10	3	F	.55 " "
	10	3	M	.60 " "
	10	1	F	.60 " "
	10	2	F	.70 " "
	10	1	F	.75 " "
	10	2	M	.80 " "
Average	10	19	.....	.57½ " "
Jan. 1885	10	3	M	.40 " "
	10	1	F	.40 " "
	10	2	F	.55 " "
	10	3	M	.60 " "
	10	2	F	.60 " "
	10	2	F	.65 " "
	10	1	M	.70 " "
	10	1	F	.70 " "
	10	5	M	.80 " "
Average	10	20	.....	.62 " "
July 1885	10	2	M	.40 " "
	10	1	F	.40 " "
	10	1	M	.50 " "
	10	2	F	.55 " "
	10	3	M	.60 " "
	10	4	F	.60 " "
	10	1	M	.70 " "
	10	1	F	.70 " "
	10	5	M	.80 " "
Average	10	20	.....	.62 " "
Jan. 1886	10	2	M	.40 " "
	10	1	F	.45 " "
	10	1	M	.50 " "
	10	1	F	.60 " "
	10	1	M	.65 " "
	10	2	F	.65 " "
	10	1	F	.70 " "
	10	4	M	.80 " "
	10	1	M	.85 " "
	10	1	M	1.00 " "
Average	10	15	.....	.67 " "
July 1886	10	2	M	.40 " "
	10	1	M	.50 " "
	10	1	F	.50 " "
	10	1	M	.65 " "
	10	1	F	.65 " "
	10	3	F	.70 " "
	10	4	M	.80 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROVING HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1886–conc'd.	10	1	M	$0.85 per day.
	10	1	M	1.00 " "
Average	10	15	.....	.68½ " "
Jan. 1887	10	1	M	.45 " "
	10	2	M	.50 " "
	10	1	F	.60 " "
	10	3	F	.70 " "
	10	3	M	.80 " "
	10	4	M	1.00 " "
Average	10	14	.....	.75½ " "
July 1887	10	1	M	.45 " "
	10	2	M	.50 " "
	10	1	F	.65 " "
	10	3	F	.75 " "
	10	3	M	.80 " "
	10	4	M	1.00 " "
Average	10	14	.....	.77 " "
Jan. 1888	10	1	M	.50 " "
	10	1	F	.70 " "
	10	3	F	.75 " "
	10	3	M	.80 " "
	10	7	M	1.00 " "
Average	10	15	.....	.85½ " "
July 1888	10	1	M	.50 " "
	10	1	M	.75 " "
	10	4	F	.75 " "
	10	2	M	.80 " "
	10	7	M	1.00 " "
Average	10	15	.....	.85½ " "
Jan. 1889	10	1	M	.50 " "
	10	1	M	.75 " "
	10	2	F	.75 " "
	10	1	M	.80 " "
	10	2	F	.80 " "
Jan. 1889–conc'd.	10	5	M	$1.00 per day.
	10	1	M	1.05 " "
Average	10	13	.....	.86 " "
July 1889	10	1	M	.50 " "
	10	2	F	.75 " "
	10	2	M	.80 " "
	10	2	F	.80 " "
	10	5	M	1.00 " "
	10	1	M	1.05 " "
Average	10	13	.....	.86½ " "
Jan. 1890	10	1	M	.50 " "
	10	1	M	.65 " "
	10	2	F	.75 " "
	10	2	M	.80 " "
	10	2	F	.80 " "
	10	3	M	1.00 " "
Average	10	11	.....	.80½ " "
July 1890	10	1	M	.65 " "
	10	2	M	.80 " "
	10	4	F	.80 " "
	10	1	M	.90 " "
	10	3	M	1.00 " "
Average	10	11	.....	.85 " "
Jan. 1891	10	1	M	.75 " "
	10	1	M	.80 " "
	10	1	M	.90 " "
	10	2	M	1.00 " "
Average	10	5	M	.89 " "
July 1891	10	1	M	.75 " "
	10	1	M	.80 " "
	10	1	M	.90 " "
	10	2	M	1.00 " "
Average	10	5	M	.89 " "

SECOND HANDS.

Jan. 1840	14	4	M	1.10 per day.
	14	1	M	1.17 " "
	14	1	M	1.25 " "
Average	14	6	M	1.13½ " "
July 1841	14	4	M	1.10 " "
	14	2	M	1.25 " "
Average	14	6	M	1.15 " "
Jan. 1842	14	4	M	1.10 " "
	14	2	M	1.25 " "
Average	14	6	M	1.15 " "
July 1842	14	4	M	1.10 " "
	14	2	M	1.25 " "
Average	14	6	M	1.15 " "
Jan. 1843	14	4	M	1.10 " "
	14	3	M	1.25 " "
Average	14	7	M	1.16½ " "
July 1843	14	4	M	1.10 per day.
	14	3	M	1.25 " "
Average	14	7	M	1.16½ " "
Jan. 1844	14	1	M	1.06 " "
	14	2	M	1.10 " "
	14	4	M	1.25 " "
Average	14	7	M	1.18 " "
July 1844	14	1	M	1.10 " "
	14	6	M	1.25 " "
Average	14	7	M	1.23 " "
Jan. 1845	14	7	M	1.25 " "
July 1845	14	6	M	1.25 " "
Jan. 1846	14	6	M	1.25 " "
July 1846	14	3	M	1.25 " "
Jan. 1847	14	3	M	1.25 " "
July 1847	14	4	M	1.25 " "
Jan. 1848	14	6	M	1.25 " "
July 1848	14	5	M	1.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1849	14	1	M	$1.08 per day.
	14	5	M	1.25 " "
Average	14	6	M	1.22 " "
July 1849	14	1	M	1.12 " "
	14	5	M	1.25 " "
Average	14	6	M	1.23 " "
Jan. 1850	14	5	M	1.25 " "
July 1850	14	5	M	1.25 " "
Jan. 1851	14	6	M	1.25 " "
July 1851	14	6	M	1.25 " "
Jan. 1852	12	6	M	1.25 " "
July 1852	12	6	M	1.25 " "
Jan. 1853	12	4	M	1.25 " "
	12	1	M	1.50 " "
Average	12	5	M	1.30 " "
July 1853	12	3	M	1.25 " "
	12	1	M	1.50 " "
Average	12	4	M	1.31⅛ " "
Jan. 1854	12	1	M	1.06 " "
	12	4	M	1.25 " "
	12	1	M	1.50 " "
Average	12	6	M	1.26 " "
July 1854	12	1	M	1.17 " "
	12	4	M	1.25 " "
	12	1	M	1.42 " "
	12	1	M	1.50 " "
Average	12	7	M	1.30 " "
Jan. 1855	12	1	M	1.17 " "
	12	4	M	1.25 " "
	12	1	M	1.42 " "
	12	1	M	1.50 " "
Average	12	7	M	1.30 " "
July 1855	12	4	M	1.25 " "
	12	1	M	1.42 " "
	12	1	M	1.50 " "
Average	12	6	M	1.32 " "
Jan. 1856	12	5	M	1.25 " "
	12	3	M	1.42 " "
	12	1	M	1.50 " "
Average	12	9	M	1.33½ " "
July 1856	12	4	M	1.25 " "
	12	2	M	1.42 " "
	12	3	M	1.50 " "
Average	12	9	M	1.37 " "
Jan. 1857	12	3	M	1.25 " "
	12	1	M	1.33 " "
	12	1	M	1.42 " "
	12	3	M	1.50 " "
Average	12	8	M	1.37½ " "
July 1857	12	1	M	1.25 " "
	12	2	M	1.42 " "
	12	4	M	1.50 " "
Average	12	7	M	1.44 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1858	12	2	M	$1.42 per day.
	12	3	M	1.50 " "
Average	12	5	M	1.47 " "
July 1858	12	2	M	1.42 " "
	12	3	M	1.50 " "
Average	12	5	M	1.47 " "
Jan. 1859	12	2	M	1.42 " "
	12	3	M	1.50 " "
Average	12	5	M	1.47 " "
July 1859	12	2	M	1.42 " "
	12	3	M	1.50 " "
Average	12	5	M	1.47 " "
Jan. 1860	12	1	M	1.42 " "
	12	5	M	1.50 " "
Average	12	6	M	1.48½ " "
July 1860	12	1	M	1.42 " "
	12	5	M	1.50 " "
Average	12	6	M	1.48½ " "
Jan. 1861	11	1	M	1.25 " "
	11	2	M	1.42 " "
	11	4	M	1.50 " "
Average	11	7	M	1.44 " "
July 1861	11	1	M	1.25 " "
	11	2	M	1.42 " "
	11	4	M	1.50 " "
Average	11	7	M	1.44 " "
Jan. 1862	11	1	M	1.33 " "
	11	2	M	1.42 " "
	11	3	M	1.50 " "
Average	11	6	M	1.44½ " "
July 1862	11	4	M	1.42 " "
	11	1	M	1.50 " "
Average	11	5	M	1.43½ " "
Jan. 1863	11	5	M	1.42 " "
	11	1	M	1.50 " "
Average	11	6	M	1.43½ " "
July 1863	11	3	M	1.42 " "
Jan. 1864	11	1	M	1.33 " "
	11	2	M	1.50 " "
	11	4	M	1.58 " "
	11	3	M	1.67 " "
	11	2	M	1.75 " "
	11	1	M	1.83 " "
Average	11	13	M	1.61½ " "
July 1864	11	1	M	1.33 " "
	11	4	M	1.58 " "
	11	3	M	1.67 " "
	11	3	M	1.75 " "
	11	2	M	1.83 " "
Average	11	13	M	1.66 "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865	11	2	M	$1.33 per day.
	11	1	M	1.58 " "
	11	4	M	1.67 " "
	11	3	M	1.75 " "
	11	2	M	1.83 " "
	11	2	M	2.00 " "
Average	11	14	M	1.70 " "
July 1865	11	2	M	1.42 " "
	11	1	M	1.43 " "
	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	3	M	1.75 " "
	11	1	M	1.83 " "
	11	5	M	2.00 " "
Average	11	14	M	1.75 " "
Jan. 1866	11	1	M	1.00 " "
	11	2	M	1.42 " "
	11	1	M	1.67 " "
	11	4	M	1.75 " "
	11	1	M	1.91 " "
	11	6	M	2.00 " "
Average	11	15	M	1.76 " "
July 1866	11	1	M	1.25 " "
	11	1	M	1.48 " "
	11	1	M	1.50 " "
	11	3	M	1.75 " "
	11	3	M	2.00 " "
	11	2	M	2.17 " "
Average	11	11	M	1.80 " "
Jan. 1867	11	1	M	1.33 " "
	11	2	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	1.75 " "
	11	4	M	1.83 " "
	11	5	M	2.00 " "
	11	4	M	2.17 " "
Average	11	18	M	1.87½ " "
July 1867	11	1	M	1.50 " "
	11	2	M	1.58 " "
	11	1	M	1.67 " "
	11	1	M	1.75 " "
	11	4	M	1.83 " "
	11	5	M	2.00 " "
	11	4	M	2.17 " "
Average	11	18	M	1.89½ " "
Jan. 1868	11	2	M	1.50 " "
	11	1	M	1.55 " "
	11	1	M	1.75 " "
	11	7	M	1.83 " "
	11	6	M	2.00 " "
	11	1	M	2.25 " "
Average	11	18	M	1.85½ " "
July 1868	11	2	M	1.50 " "
	11	1	M	1.58 " "
	11	1	M	1.75 " "
	11	7	M	1.83 " "
	11	6	M	2.00 " "
	11	1	M	2.25 " "
Average	11	18	M	1.85½ " "
Jan. 1869	11	1	M	$1.50 per day.
	11	1	M	1.55 " "
	11	1	M	1.75 " "
	11	8	M	1.83 " "
	11	1	M	1.91 " "
	11	5	M	2.00 " "
	11	1	M	2.25 " "
Average	11	18	M	1.86½ " "
July 1869	11	1	M	1.50 " "
	11	1	M	1.58 " "
	11	1	M	1.75 " "
	11	8	M	1.83 " "
	11	1	M	1.91 " "
	11	5	M	2.00 " "
	11	1	M	2.25 " "
Average	11	18	M	1.87 " "
Jan. 1870	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	1.75 " "
	11	5	M	1.83 " "
	11	6	M	2.00 " "
	11	1	M	2.50 " "
Average	11	15	M	1.90½ " "
July 1870	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	1.75 " "
	11	5	M	1.83 " "
	11	6	M	2.00 " "
	11	1	M	2.50 " "
Average	11	15	M	1.90½ " "
Jan. 1871	11	4	M	1.75 " "
	11	7	M	1.83 " "
	11	7	M	2.00 " "
	11	1	M	2.50 " "
Average	11	19	M	1.91 " "
July 1871	11	4	M	1.75 " "
	11	7	M	1.83 " "
	11	7	M	2.00 " "
	11	1	M	2.50 " "
Average	11	19	M	1.91 " "
Jan. 1872	11	3	M	1.75 " "
	11	10	M	1.83 " "
	11	7	M	2.00 " "
	11	1	M	2.50 " "
Average	11	21	M	1.90½ " "
July 1872	11	3	M	1.75 " "
	11	10	M	1.83 " "
	11	7	M	2.00 " "
	11	1	M	2.50 " "
Average	11	21	M	1.90½ " "
Jan. 1873	11	1	M	1.50 " "
	11	7	M	1.75 " "
	11	1	M	1.83 " "
	11	1	M	1.91 " "
	11	8	M	2.00 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	20	M	1.91 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873	11	2	M	$1.50 per day.
	11	1	M	1.70 " "
	11	6	M	1.75 " "
	11	1	M	1.83 " "
	11	1	M	1.91 " "
	11	7	M	2.00 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	20	M	1.88½ " "
Jan. 1874	11	2	M	1.50 " "
	11	5	M	1.75 " "
	11	2	M	1.80 " "
	11	3	M	1.83 " "
	11	6	M	2.00 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	20	M	1.88 " "
July 1874	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	5	M	1.75 " "
	11	2	M	1.80 " "
	11	1	M	1.83 " "
	11	7	M	2.00 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	19	M	1.90 " "
Jan. 1875	10	2	M	1.50 " "
	10	1	M	1.55 " "
	10	3	M	1.75 " "
	10	2	M	1.80 " "
	10	2	M	1.83 " "
	10	8	M	2.00 " "
	10	1	M	2.50 " "
Average	10	19	M	1.87 " "
July 1875	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.67 " "
	10	2	M	1.75 " "
	10	2	M	1.80 " "
	10	2	M	1.83 " "
	10	9	M	2.00 " "
	10	1	M	2.50 " "
Average	10	19	M	1.89½ " "
Jan. 1876	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.67 " "
	10	1	M	1.70 " "
	10	2	M	1.75 " "
	10	1	M	1.80 " "
	10	2	M	1.83 " "
	10	7	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	20	M	1.90½ " "
July 1876	10	2	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	3	M	1.75 " "
	10	1	M	1.80 " "
	10	2	M	1.83 " "
	10	6	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	19	M	1.90 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1877	10	2	M	$1.50 per day.
	10	1	M	1.67 " "
	10	1	M	1.70 " "
	10	4	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.83 " "
	10	8	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	20	M	1.91½ " "
July 1877	10	2	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.70 " "
	10	4	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.83 " "
	10	8	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	20	M	1.91½ " "
Jan. 1878	10	2	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.70 " "
	10	4	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.83 " "
	10	7	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	20	M	1.93½ " "
July 1878	10	3	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.70 " "
	10	3	M	1.75 " "
	10	1	M	1.80 " "
	10	8	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	20	M	1.93½ " "
Jan. 1879	10	1	M	1.30 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	8	M	1.93 " "
July 1879	10	1	M	1.30 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	8	M	1.93 " "
Jan. 1880	10	1	M	1.30 " "
	10	2	M	1.60 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.30 " "
	10	1	M	3.00 " "
Average	10	8	M	1.96¼ " "
July 1880	10	1	M	1.50 " "
	10	2	M	1.60 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880—cone'd.	10	1	M	$1.90 per day.
	10	2	M	2.00 " "
	10	1	M	2.30 " "
	10	1	M	3.00 " "
Average	10	8	M	1.98½ " "
Jan. 1881	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	3.00 " "
Average	10	7	M	2.03 " "
July 1881	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	3.00 " "
Average	10	7	M	2.03 " "
Jan. 1882	10	2	M	1.60 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	3.00 " "
Average	10	7	M	2.04½ " "
July 1882	10	2	M	1.60 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	3.00 " "
Average	10	7	M	2.04½ " "
Jan. 1883	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	6	M	1.97½ " "
July 1883	10	1	M	1.20 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	6	M	1.67½ " "
Jan. 1884	10	1	M	1.20 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
Average	10	7	M	1.76½ " "
July 1884	10	1	M	1.20 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
Average	10	7	M	1.76½ " "
Jan. 1885	10	1	M	$1.20 per day.
	10	2	M	1.50 " "
	10	1	M	1.80 " "
	10	3	M	2.25 " "
	10	1	M	2.30 " "
Average	10	8	M	1.88 " "
July 1885	10	1	M	1.20 " "
	10	2	M	1.50 " "
	10	1	M	1.80 " "
	10	3	M	2.25 " "
	10	1	M	2.30 " "
Average	10	8	M	1.88 " "
Jan. 1886	10	1	M	1.20 " "
	10	2	M	1.50 " "
	10	1	M	1.80 " "
	10	3	M	2.25 " "
	10	1	M	2.30 " "
Average	10	8	M	1.88 " "
July 1886	10	1	M	1.20 " "
	10	2	M	1.50 " "
	10	1	M	1.80 " "
	10	3	M	2.25 " "
	10	1	M	2.30 " "
Average	10	8	M	1.88 " "
Jan. 1887	10	1	M	1.20 " "
	10	2	M	1.50 " "
	10	3	M	2.25 " "
	10	1	M	2.30 " "
Average	10	7	M	1.89½ " "
July 1887	10	1	M	1.20 " "
	10	2	M	1.50 " "
	10	3	M	2.25 " "
	10	1	M	2.30 " "
Average	10	7	M	1.89½ " "
Jan. 1888	10	1	M	1.20 " "
	10	2	M	1.50 " "
	10	3	M	2.25 " "
	10	1	M	2.30 " "
Average	10	7	M	1.89½ " "
July 1888	10	1	M	1.20 " "
	10	2	M	1.50 " "
	10	3	M	2.25 " "
	10	1	M	2.30 " "
Average	10	7	M	1.89½ " "
Jan. 1889	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	1	M	2.30 " "
Average	10	7	M	1.89½ " "
July 1889	10	2	M	1.50 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
Average	10	5	M	1.95 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SECOND HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890	10	1	M	$1.25 per day.	Jan. 1891	10	1	M	$1.25 per day.
	10	1	M	1.50 " "		10	1	M	1.50 " "
	10	1	M	2.00 " "		10	1	M	2.00 " "
	10	1	M	2.25 " "		10	1	M	2.25 " "
	10	1	M	2.30 " "		10	1	M	2.50 " "
	10	1	M	3.25 " "		10	1	M	3.25 " "
Average	10	6	M	2.09 " "	Average	10	6	M	2.12½ " "
July 1890	10	1	M	1.25 " "	Jnly 1891	10	1	M	1.25 " "
	10	1	M	1.50 " "		10	1	M	1.50 " "
	10	1	M	2.00 " "		10	1	M	2.00 " "
	10	1	M	2.25 " "		10	1	M	2.25 " "
	10	1	M	2.50 " "		10	1	M	2.50 " "
	10	1	M	3.25 " "		10	1	M	3.25 " "
Average	10	6	M	2.12½ " "	Average	10	6	M	2.12½ " "

SECTION HANDS.

Jan. 1842	14	1	M	.85 per day.	July 1856	12	1	M	1.00 per day.
July 1842	14	1	M	.85 " "		12	1	M	1.12 " "
Jan. 1843	14	1	M	.85 " "		12	1	M	1.25 " "
July 1843	14	1	M	.85 " "		12	4	M	1.42 " "
Jan. 1844	14	1	M	.71 " "	Average	12	7	M	1.29½ " "
July 1844	14	1	M	.71 " "					
Jan. 1845	14	1	M	.80 " "	Jan. 1857	12	1	M	1.00 " "
July 1845	14	1	M	.92 " "		12	5	M	1.42 " "
Jan. 1847	14	1	M	.70 " "	Average	12	6	M	1.35 " "
	14	1	M	1.00 " "					
Average	14	2	M	.85 " "	July 1857	12	1	M	1.08 " "
						12	3	M	1.42 " "
July 1847	14	1	M	.70 " "	Average	12	4	M	1.33⅓ " "
	14	1	M	1.00 " "					
Average	14	2	M	.85 " "	Jan. 1858	12	1	M	1.08 " "
						12	2	M	1.42 " "
Jan. 1848	14	1	M	1.00 " "	Average	12	3	M	1.30½ " "
	14	1	M	1.12 " "					
Average	14	2	M	1.06 " "	July 1858	12	1	M	1.08 " "
						12	1	M	1.42 " "
July 1848	14	1	M	.70 " "	Average	12	2	M	1.25 " "
	14	1	M	.83 " "					
	14	1	M	1.00 " "	Jan. 1859	12	1	M	1.25 " "
	14	1	M	1.25 " "		12	1	M	1.42 " "
Average	14	4	M	.94½ " "	Average	12	2	M	1.33½ " "
Jan. 1849	14	1	M	.70 " "	July 1859	12	1	M	1.25 " "
	14	1	M	1.00 " "		12	1	M	1.42 " "
	14	1	M	1.12 " "	Average	12	2	M	1.33½ " "
Average	14	3	M	.94 " "					
					Jan. 1860	12	1	M	1.00 " "
Jan. 1850	14	1	M	.83 " "		12	1	M	1.25 " "
July 1850	14	1	M	1.12 " "		12	1	M	1.33 " "
						12	1	M	1.42 " "
Jan. 1851	14	1	M	1.17 " "	Average	12	4	M	1.25 " "
	14	1	M	1.25 " "					
Average	14	2	M	1.21 " "	July 1860	12	1	M	1.00 " "
						12	1	M	1.25 " "
July 1851	14	1	M	1.17 " "		12	2	M	1.42 " "
Jan. 1856	12	1	M	1.08 " "	Average	12	4	M	1.27½ " "
	12	2	M	1.12 " "					
	12	4	M	1.42 " "					
Average	12	7	M	1.28½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SECTION HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1861	11	1	M	$1.17 per day.
	11	1	M	1.33 " "
	11	2	M	1.42 " "
Average	11	4	M	1.33½ " "
July 1861	11	1	M	1.17 " "
	11	3	M	1.42 " "
Average	11	4	M	1.35½ " "
Jan. 1862	11	1	M	1.33 " "
July 1862	11	1	M	1.33 " "
Jan. 1864	11	1	M	1.00 " "
	11	2	M	1.25 " "
	11	2	M	1.33 " "
	11	2	M	1.67 " "
Average	11	7	M	1.35½ " "
July 1864	11	1	M	1.00 " "
	11	2	M	1.25 " "
	11	2	M	1.33 " "
	11	2	M	1.67 " "
Average	11	7	M	1.35½ " "
Jan. 1865	11	1	M	1.25 " "
	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	2	M	1.75 " "
Average	11	5	M	1.58½ " "
July 1865	11	2	M	1.50 " "
	11	1	M	1.91 " "
Average	11	3	M	1.63½ " "
Jan. 1866	11	1	M	1.33 " "
	11	2	M	1.50 " "
	11	1	M	1.75 " "
Average	11	4	M	1.52 " "
July 1866	11	2	M	1.08 " "
	11	1	M	1.54 " "
	11	2	M	1.75 " "
Average	11	5	M	1.44 " "
Jan. 1867	11	1	M	1.33 " "
	11	1	M	1.54 " "
	11	1	M	1.75 " "
	11	1	M	1.83 " "
Average	11	4	M	1.61½ " "
July 1867	11	1	M	1.08 " "
	11	1	M	1.33 " "
	11	2	M	1.58 " "
	11	1	M	1.67 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	7	M	1.57 " "
Jan. 1868	11	1	M	1.50 " "
	11	1	M	1.58 " "
	11	2	M	1.67 " "
	11	1	M	1.70 " "
	11	2	M	2.00 " "
Average	11	7	M	1.73 " "
July 1868	11	2	M	$1.67 per day.
	11	1	M	1.70 " "
	11	2	M	1.75 " "
	11	2	M	1.83 " "
	11	3	M	2.00 " "
Average	11	10	M	1.82 " "
Jan. 1869	11	2	M	1.67 " "
	11	1	M	1.70 " "
	11	2	M	1.75 " "
	11	2	M	1.83 " "
	11	2	M	2.00 " "
Average	11	9	M	1.80 " "
July 1869	11	3	M	1.67 " "
	11	1	M	1.70 " "
	11	1	M	1.75 " "
	11	1	M	1.83 " "
	11	3	M	2.00 " "
Average	11	9	M	1.81 " "
Jan. 1870	11	1	M	1.67 " "
	11	2	M	1.75 " "
Average	11	3	M	1.72½ " "
July 1870	11	1	M	1.67 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	3	M	1.80½ " "
Jan. 1872	11	1	M	1.33 " "
	11	1	M	1.42 " "
	11	1	M	1.67 " "
	11	1	M	1.83 " "
Average	11	4	M	1.56½ " "
July 1872	11	1	M	1.33 " "
	11	1	M	1.42 " "
	11	1	M	1.67 " "
	11	1	M	1.83 " "
Average	11	4	M	1.56½ " "
Jan. 1873	11	1	M	1.00 " "
	11	1	M	1.08 " "
	11	1	M	1.60 " "
	11	1	M	1.67 " "
Average	11	4	M	1.33½ " "
July 1873	11	1	M	1.00 " "
	11	1	M	1.08 " "
	11	1	M	1.60 " "
	11	1	M	1.67 " "
Average	11	4	M	1.33½ " "
Jan. 1874	11	1	M	1.50 " "
July 1874	11	1	M	1.50 " "
Jan. 1875	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	2	M	1.75 " "
July 1875	10	1	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SECTION HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1876	10	1	M	$1.70 per day.
	10	1	M	2.00 " "
Average	10	2	M	1.85 " "
July 1876	10	1	M	1.70 " "
	10	1	M	2.00 " "
Average	10	2	M	1.85 " "
Jan. 1877	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	2	M	1.75 " "
July 1877	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	2	M	1.75 " "
Jan. 1878	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	2	M	1.75 " "
July 1878	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	2	M	1.75 " "
Jan. 1879	10	2	M	1.30 " "
	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	5	M	1.52 " "
July 1879	10	2	M	1.30 " "
	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	5	M	1.57 " "
Jan. 1880	10	2	M	1.20 " "
	10	2	M	1.75 " "
Average	10	4	M	1.52½ " "
July 1880	10	1	M	1.30 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
Average	10	5	M	1.54 " "
Jan. 1881	10	2	M	1.20 " "
	10	1	M	1.25 " "
	10	2	M	1.40 " "
	10	3	M	1.50 " "
	10	1	M	2.00 " "
Average	10	9	M	1.45 " "
July 1881	10	2	M	1.20 " "
	10	1	M	1.35 " "
	10	2	M	1.40 " "
	10	3	M	1.50 " "
	10	1	M	2.00 " "
Average	10	9	M	1.45 " "
Jan. 1882	10	1	M	1.20 " "
	10	1	M	1.35 " "
	10	5	M	1.50 " "
	10	1	M	1.60 " "
Jan. 1882–conc'd.	10	1	M	$1.75 per day.
	10	1	M	2.25 " "
Average	10	10	M	1.56½ " "
July 1882	10	2	M	1.35 " "
	10	4	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.75 " "
	10	1	M	2.25 " "
Average	10	10	M	1.59 " "
Jan. 1883	10	1	M	1.00 " "
	10	1	M	1.20 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
Average	10	5	M	1.32 " "
July 1883	10	1	M	1.00 " "
	10	1	M	1.20 " "
	10	1	M	1.40 " "
	10	3	M	1.50 " "
Average	10	6	M	1.35 " "
Jan. 1884	10	1	M	1.10 " "
	10	1	M	1.50 " "
Average	10	2	M	1.30 " "
July 1884	10	1	M	1.10 " "
	10	1	M	1.50 " "
Average	10	2	M	1.30 " "
Jan. 1885	10	2	M	1.10 " "
	10	1	M	1.50 " "
Average	10	3	M	1.23½ " "
July 1885	10	2	M	1.10 " "
	10	1	M	1.50 " "
Average	10	3	M	1.23½ " "
Jan. 1886	10	2	M	1.10 " "
	10	1	M	1.40 " "
	10	1	M	1.55 " "
Average	10	4	M	1.28½ " "
July 1886	10	2	M	1.10 " "
	10	1	M	1.40 " "
	10	1	M	1.55 " "
Average	10	4	M	1.28½ " "
Jan. 1887	10	1	M	1.25 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
Average	10	3	M	1.40 " "
July 1887	10	2	M	1.25 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
Average	10	4	M	1.36½ " "
Jan. 1888	10	2	M	1.25 " "
	10	1	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.46½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SECTION HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1888	10	1	M	$1.25 per day.	July 1890	10	1	M	$1.05 per day.
	10	1	M	1.40 " "		10	1	M	1.20 " "
	10	1	M	1.60 " "		10	2	M	1.25 " "
	10	1	M	1.75 " "		10	1	M	2.00 " "
Average	10	4	M	1.50 " "	Average	10	5	M	1.35 " "
Jan. 1889	10	1	M	1.00 " "	Jan. 1891	10	1	M	1.10 " "
	10	2	M	1.25 " "		10	1	M	1.25 " "
	10	1	M	1.75 " "		10	1	M	1.33 " "
						10	3	M	1.50 " "
Average	10	4	M	1.31½ " "		10	1	M	1.60 " "
July 1889	10	1	M	1.00 " "		10	1	M	1.83 " "
	10	1	M	1.05 " "		10	1	M	2.00 " "
	10	2	M	1.25 " "	Average	10	9	M	1.51 " "
	10	1	M	1.75 " "	July 1891	10	1	M	1.10 " "
Average	10	5	M	1.26 " "		10	1	M	1.25 " "
Jan. 1890	10	1	M	1.05 " "		10	1	M	1.33 " "
	10	1	M	1.20 " "		10	3	M	1.50 " "
	10	2	M	1.25 " "		10	1	M	1.60 " "
	10	1	M	1.75 " "		10	1	M	1.83 " "
						10	1	M	2.00 " "
Average	10	5	M	1.30 " "	Average	10	9	M	1.51 " "

SPEEDERS.

Jan. 1840	14	1	M	.42 per day.	Jan. 1843	14	1	F	.42 per day.
	14	1	F	.43 " "		14	2	F	.43 " "
	14	1	F	.44 " "		14	1	F	.44 " "
	14	1	M	.48 " "		14	1	M	.46 " "
	14	3	F	.50 " "		14	1	F	.46 " "
	14	1	F	.52 " "		14	2	M	.48 " "
	14	1	F	.55 " "		14	1	F	.48 " "
Average	14	9	.....	.48 " "	Average	14	9	.....	.45½ " "
July 1841	14	1	M	.40 " "					
	14	1	F	.42 " "	July 1843	14	1	F	.42 " "
	14	1	F	.44 " "		14	1	F	.47 " "
	14	1	F	.45 " "		14	1	M	.48 " "
	14	1	M	.46 " "		14	1	F	.48 " "
	14	1	F	.48 " "		14	2	F	.50 " "
	14	1	M	.50 " "					
	14	1	F	.50 " "	Average	14	6	.....	.47½ " "
	14	2	F	.52 " "					
	14	1	F	.56 " "	Jan. 1844	14	3	F	.42 " "
						14	3	F	.44 " "
Average	14	11	.....	.47½ " "		14	1	M	.46 " "
						14	1	F	.48 " "
Jan. 1842	14	1	F	.42 " "		14	1	M	.56 " "
	14	1	F	.44 " "					
	14	1	F	.47 " "	Average	14	9	.....	.45½ " "
	14	1	M	.48 " "					
	14	2	F	.48 " "	July 1844	14	2	F	.38 " "
	14	1	F	.50 " "		14	2	F	.42 " "
	14	1	M	.52 " "		14	1	F	.44 " "
	14	2	F	.52 " "		14	1	M	.46 " "
	14	1	F	.56 " "		14	1	F	.47 " "
						14	2	M	.48 " "
Average	14	11	.....	.49 " "		14	3	F	.48 " "
						14	1	M	.56 " "
July 1842	14	1	F	.42 " "					
	14	1	F	.46 " "	Average	14	13	.....	.45½ " "
	14	1	M	.48 " "					
	14	1	F	.48 " "	Jan. 1845	14	1	F	.38 " "
	14	2	F	.50 " "		14	5	F	.42 " "
	14	1	M	.52 " "		14	2	F	.44 " "
	14	1	F	.54 " "		14	1	F	.47 " "
						14	1	M	.48 " "
Average	14	8	.....	.48½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPEEDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1845–cone'd.	14	1	F	$0.48 per day.
	14	1	M	.56 " "
Average	14	12	.....	.44½ " "
July 1845	14	5	F	.42 " "
	14	1	F	.46 " "
	14	2	M	.48 " "
	14	1	F	.50 " "
	14	1	M	.56 " "
Average	14	10	.....	.46 " "
Jan. 1846	14	3	F	.42 " "
	14	5	F	.46 " "
	14	1	M	.48 " "
	14	1	F	.48 " "
Average	14	10	.....	.45 " "
July 1846	14	3	F	.42 " "
	14	3	F	.45 " "
	14	1	M	.46 " "
	14	1	F	.46 " "
	14	1	M	.48 " "
	14	1	F	.48 " "
	14	1	F	.50 " "
	14	2	F	.52 " "
Average	14	13	.....	.46½ " "
Jan. 1847	14	2	F	.42 " "
	14	1	F	.46 " "
	14	2	F	.48 " "
	14	3	F	.50 " "
	14	1	M	.54 " "
	14	1	F	.54 " "
	14	1	M	.56 " "
Average	14	11	.....	.49 " "
July 1847	14	1	F	.46 " "
	14	1	F	.47 " "
	14	2	F	.48 " "
	14	4	F	.50 " "
	14	1	F	.52 " "
	14	1	F	.54 " "
	14	1	M	.56 " "
	14	1	F	.58 " "
Average	14	12	.....	.50½ " "
Jan. 1848	14	6	F	.48 " "
	14	2	M	.50 " "
	14	2	F	.50 " "
	14	1	F	.52 " "
	14	2	F	.54 " "
	14	1	F	.58 " "
	14	1	M	.70 " "
Average	14	15	.....	.51½ " "
July 1848	14	1	F	.47 " "
	14	2	F	.48 " "
	14	1	M	.50 " "
	14	1	F	.50 " "
	14	2	F	.52 " "
	14	5	F	.54 " "
	14	1	F	.58 " "
	14	2	M	.60 " "
Average	14	15	.....	.53 " "
Jan. 1849	14	2	F	.46 " "
	14	1	F	.47 " "
	14	2	F	.48 " "
Jan. 1849–cone'd.	14	1	M	$0.50 per day.
	14	1	M	.52 " "
	14	5	F	.52 " "
	14	4	F	.54 " "
	14	1	F	.58 " "
	14	1	M	.60 " "
Average	14	18	.....	.51½ " "
July 1849	14	1	F	.46 " "
	14	1	M	.48 " "
	14	2	F	.48 " "
	14	1	F	.50 " "
	14	4	F	.52 " "
	14	1	F	.54 " "
Average	14	10	.....	.50 " "
Jan. 1850	14	1	F	.46 " "
	14	2	F	.48 " "
	14	1	F	.50 " "
	14	2	F	.52 " "
	14	4	F	.54 " "
	14	1	M	.56 " "
	14	1	M	.58 " "
Average	14	12	.....	.52 " "
July 1850	14	1	M	.46 " "
	14	1	F	.46 " "
	14	4	F	.48 " "
	14	1	M	.50 " "
	14	2	F	.50 " "
	14	2	F	.52 " "
	14	3	F	.54 " "
Average	14	14	.....	.50 " "
Jan. 1851	14	1	F	.46 " "
	14	1	M	.50 " "
	14	11	F	.50 " "
Average	14	13	.....	.49½ " "
July 1851	14	1	F	.42 " "
	14	3	F	.46 " "
	14	2	F	.48 " "
	14	1	M	.50 " "
	14	8	F	.50 " "
Average	14	15	.....	.48½ " "
Jan. 1852	12	1	F	.42 " "
	12	5	F	.46 " "
	12	1	M	.50 " "
	12	12	F	.50 " "
Average	12	19	.....	.48½ " "
July 1852	12	1	F	.45 " "
	12	9	F	.50 " "
Average	12	10	F	.49½ " "
Jan. 1853	12	1	F	.46 " "
	12	3	F	.50 " "
	12	1	F	.58 " "
Average	12	5	F	.51 " "
July 1853	12	1	F	.46 " "
	12	3	F	.50 " "
	12	1	F	.58 " "
Average	12	5	F	.51 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPEEDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854	12	1	F	$0.46 per day.
	12	7	F	.50 " "
	12	1	F	.58 " "
Average	12	9	F	.50½ " "
July 1854	12	1	F	.46 " "
	12	5	F	.50 " "
	12	1	F	.54 " "
Average	12	7	F	.50 " "
Jan. 1855	12	1	M	.50 " "
	12	1	F	.50 " "
	12	4	F	.54 " "
Average	12	6	.....	.52½ " "
July 1855	12	1	M	.46 " "
	12	6	F	.46 " "
	12	2	M	.50 " "
	12	8	F	.50 " "
	12	2	M	.52 " "
	12	1	M	.54 " "
	12	6	F	.54 " "
Average	12	26	.....	.50 " "
Jan. 1856	12	5	F	.46 " "
	12	1	M	.50 " "
	12	2	M	.54 " "
	12	11	F	.54 " "
Average	12	19	.....	.51½ " "
July 1856	12	1	M	.46 " "
	12	6	F	.46 " "
	12	1	F	.48 " "
	12	4	M	.50 " "
	12	5	F	.50 " "
	12	1	M	.54 " "
	12	8	F	.54 " "
Average	12	26	.....	.50 " "
Jan. 1857	12	1	F	.42 " "
	12	2	F	.46 " "
	12	1	M	.50 " "
	12	4	F	.50 " "
	12	1	M	.52 " "
	12	4	F	.52 " "
	12	1	M	.54 " "
	12	6	F	.54 " "
	12	1	F	.56 " "
	12	1	M	.60 " "
Average	12	22	.....	.51½ " "
July 1857	12	1	F	.46 " "
	12	3	F	.48 " "
	12	2	M	.50 " "
	12	5	F	.50 " "
	12	1	F	.52 " "
	12	2	F	.54 " "
Average	12	14	.....	.50 " "
Jan. 1858	12	1	M	.46 " "
	12	3	F	.46 " "
	12	1	F	.48 " "
	12	3	M	.50 " "
	12	7	F	.50 " "
	12	2	F	.52 " "
Average	12	17	.....	.49 " "

Payroll of—	Hours per day.	Different employés	Sex.	Rate of wages.
July 1858	12	1	F	$0.44 per day.
	12	1	M	.48 " "
	12	1	F	.48 " "
	12	3	M	.50 " "
	12	8	F	.50 " "
	12	3	F	.52 " "
Average	12	17	.....	.50 " "
Jan. 1859	12	1	M	.46 " "
	12	2	F	.48 " "
	12	5	M	.50 " "
	12	4	F	.50 " "
	12	1	M	.52 " "
	12	3	F	.52 " "
	12	1	F	.54 " "
Average	12	17	.....	.50 " "
July 1859	12	1	M	.46 " "
	12	2	F	.48 " "
	12	5	M	.50 " "
	12	4	F	.50 " "
	12	1	M	.52 " "
	12	3	F	.52 " "
	12	1	F	.54 " "
Average	12	17	.....	.50 " "
Jan. 1860	12	1	F	.42 " "
	12	1	M	.46 " "
	12	1	F	.48 " "
	12	2	M	.50 " "
	12	3	F	.50 " "
	12	1	M	.52 " "
	12	1	F	.52 " "
	12	1	M	.54 " "
	12	1	F	.54 " "
	12	1	F	.56 " "
Average	12	13	.....	.50½ " "
July 1860	12	1	F	.42 " "
	12	1	M	.46 " "
	12	1	F	.48 " "
	12	2	M	.50 " "
	12	2	F	.50 " "
	12	1	M	.52 " "
	12	2	F	.52 " "
	12	1	M	.54 " "
	12	1	F	.54 " "
	12	1	F	.56 " "
Average	12	13	.....	.50½ " "
Jan. 1861	11	2	M	.46 " "
	11	1	M	.48 " "
	11	2	F	.50 " "
	11	1	F	.52 " "
	11	1	M	.54 " "
	11	3	F	.54 " "
Average	11	10	.....	.51 " "
July 1861	11	2	M	.46 " "
	11	1	M	.48 " "
	11	1	F	.50 " "
	11	1	F	.52 " "
	11	1	M	.54 " "
	11	4	F	.54 " "
Average	11	10	.....	.51 " "
Jan. 1862	11	2	M	.46 " "
	11	1	F	.48 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPEEDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1862–cone'd.	11	1	M	$0.50 per day.
	11	1	F	.52 " "
	11	1	M	.54 " "
	11	4	F	.54 " "
Average	11	10	.....	.51 " "
July 1862	11	1	M	.48 " "
	11	1	F	.50 " "
Average	11	2	.....	.49 " "
Jan. 1863	11	1	M	.44 " "
	11	1	F	.50 " "
Average	11	2	.....	.47 " "
Jan. 1864	11	1	F	.50 " "
	11	2	F	.65 " "
	11	2	F	.70 " "
	11	1	F	.75 " "
	11	2	F	.80 " "
	11	2	F	.85 " "
Average	11	10	F	.72½ " "
July 1864	11	1	F	.70 " "
	11	2	F	.75 " "
	11	5	F	.80 " "
Average	11	8	F	.77½ " "
Jan. 1865	11	1	F	.70 " "
	11	4	F	.75 " "
	11	1	F	.78 " "
	11	1	F	.80 " "
	11	1	F	.85 " "
Average	11	8	F	.76½ " "
July 1865	11	2	F	.75 " "
	11	6	F	.80 " "
Average	11	8	F	.78½ " "
Jan. 1866	11	3	F	.75 " "
	11	5	F	.80 " "
Average	11	8	F	.78 " "
July 1866	11	2	F	.75 " "
	11	4	F	.80 " "
	11	2	F	.85 " "
Average	11	8	F	.80 " "
Jan. 1867	11	1	F	.75 " "
	11	4	F	.80 " "
	11	3	F	.85 " "
Average	11	8	F	.81½ " "
July 1867	11	5	F	.80 " "
	11	3	F	.85 " "
Average	11	8	F	.82 " "
Jan. 1868	11	1	F	.75 " "
	11	3	F	.80 " "
	11	1	F	.85 " "
Average	11	5	F	.80 " "
July 1868	11	2	F	.80 " "
	11	3	F	.85 " "
Average	11	5	F	.83 " "
Jan. 1869	11	1	F	$0.75 per day.
	11	2	F	.80 " "
	11	2	F	.85 " "
Average	11	5	F	.81 " "
July 1869	11	1	F	.75 " "
	11	3	F	.80 " "
	11	1	F	.85 " "
Average	11	5	F	.80 " "
Jan. 1870	11	2	F	.75 " "
	11	1	F	.80 " "
	11	2	F	.85 " "
Average	11	5	F	.80 " "
July 1870	11	1	F	.75 " "
	11	3	F	.80 " "
	11	1	F	.85 " "
Average	11	5	F	.80 " "
Jan. 1871	11	1	F	.80 " "
	11	4	F	.85 " "
Average	11	5	F	.84 " "
July 1871	11	1	F	.85 " "
	11	3	F	.90 " "
	11	1	F	.95 " "
Average	11	5	F	.90 " "
Jan. 1872	11	3	F	.85 " "
	11	2	F	.90 " "
Average	11	5	F	.87 " "
July 1872	11	3	F	.85 " "
	11	1	F	.90 " "
	11	1	F	.95 " "
Average	11	5	F	.88 " "
Jan. 1873	11	3	F	.75 " "
	11	1	F	.80 " "
	11	1	F	.90 " "
Average	11	5	F	.79 " "
July 1873	11	2	F	.70 " "
	11	1	F	.75 " "
	11	2	F	.80 " "
Average	11	5	F	.75 " "
Jan. 1874	11	1	F	.65 " "
	11	2	F	.70 " "
	11	1	F	.75 " "
	11	1	F	.85 " "
Average	11	5	F	.73 " "
July 1874	11	2	F	.65 " "
	11	2	F	.70 " "
	11	1	F	.80 " "
Average	11	5	F	.70 " "
Jan. 1875	10	1	F	.50 " "
	10	1	F	.60 " "
	10	1	F	.65 " "
	10	2	F	.75 " "
Average	10	5	F	.65 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPEEDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10	1	F	$0.50 per day.
	10	1	F	.60 " "
	10	1	F	.65 " "
	10	1	F	.70 " "
	10	1	F	.80 " "
Average	10	5	F	.65 " "
Jan. 1876	10	2	F	.60 " "
	10	1	F	.70 " "
	10	2	F	.75 " "
Average	10	5	F	.68 " "
July 1876	10	1	F	.65 " "
	10	1	F	.70 " "
	10	1	F	.75 " "
	10	1	F	.80 " "
Average	10	4	F	.72½ " "
Jan. 1877	10	1	F	.60 " "
	10	2	F	.65 " "
	10	1	F	.70 " "
Average	10	4	F	.65 " "
July 1877	10	2	F	.60 " "
	10	2	F	.65 " "
Average	10	4	F	.62½ " "
Jan. 1878	10	2	F	.60 " "
	10	2	F	.65 " "
Average	10	4	F	.62½ " "
July 1878	10	3	F	.60 " "
	10	1	F	.70 " "
Average	10	4	F	.62½ " "
Jan. 1879	10	1	M	.60 " "
	10	1	F	.60 " "
	10	2	M	.65 " "
	10	1	F	.65 " "
	10	1	M	.75 " "
	10	1	F	.75 " "
Average	10	7	.....	.66½ " "
July 1879	10	1	F	.60 " "
	10	2	M	.65 " "
	10	1	F	.65 " "
	10	2	M	.70 " "
	10	1	F	.70 " "
Average	10	7	.....	.66½ " "
Jan. 1880	10	1	M	.60 " "
	10	1	F	.60 " "
	10	2	M	.65 " "
	10	2	F	.65 " "
	10	1	F	.70 " "
Average	10	7	.....	.64½ " "
July 1880	10	1	M	.55 " "
	10	1	M	.60 " "
	10	1	F	.60 " "
	10	2	M	.65 " "
	10	2	F	.65 " "
Average	10	7	.....	.62 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881	10	1	M	$0.50 per day.
	10	1	M	.60 " "
	10	2	F	.60 " "
	10	1	M	.62 " "
	10	1	M	.65 " "
	10	1	F	.70 " "
Average	10	7	.....	.61 " "
July 1881	10	1	M	.50 " "
	10	1	M	.60 " "
	10	2	F	.60 " "
	10	1	M	.62 " "
	10	1	M	.65 " "
	10	1	F	.70 " "
Average	10	7	.....	.61 " "
Jan. 1882	10	1	F	.55 " "
	10	3	M	.60 " "
	10	1	M	.65 " "
	10	2	F	.65 " "
Average	10	7	.....	.61½ " "
July 1882	10	2	F	.55 " "
	10	2	M	.60 " "
	10	2	M	.65 " "
	10	1	F	.65 " "
Average	10	7	.....	.60½ " "
Jan. 1883	10	1	M	.55 " "
	10	3	F	.55 " "
	10	2	F	.60 " "
	10	1	F	.65 " "
Average	10	7	.....	.58 " "
July 1883	10	1	M	.55 " "
	10	3	F	.55 " "
	10	2	F	.60 " "
	10	1	F	.65 " "
Average	10	7	.....	.58 " "
Jan. 1884	10	4	F	.65 " "
	10	1	F	.75 " "
Average	10	5	F	.67 " "
July 1884	10	1	F	.65 " "
	10	3	F	.70 " "
	10	1	F	.80 " "
Average	10	5	F	.71 " "
Jan. 1885	10	2	F	.50 " "
	10	1	F	.60 " "
	10	1	F	.70 " "
	10	2	F	.75 " "
	10	1	F	.80 " "
Average	10	7	F	.65½ " "
July 1885	10	2	F	.50 " "
	10	1	F	.60 " "
	10	3	F	.75 " "
	10	1	F	.85 " "
Average	10	7	F	.67 " "
Jan. 1886	10	1	F	.65 " "
	10	3	F	.70 " "
	10	1	F	.85 " "
Average	10	5	F	.72 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPEEDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1886	10	2	F	$0.65 per day.
	10	2	F	.70 " "
	10	1	F	.80 " "
Average	10	5	F	.70 " "
Jan. 1887	10	3	F	.55 " "
	10	2	F	.60 " "
	10	4	F	.70 " "
	10	1	F	.75 " "
Average	10	10	F	.64 " "
July 1887	10	3	F	.55 " "
	10	1	F	.60 " "
	10	1	F	.65 " "
	10	4	F	.70 " "
	10	1	F	.75 " "
Average	10	10	F	.64½ " "
Jan. 1888	10	3	F	.60 " "
	10	1	F	.65 " "
	10	4	F	.70 " "
	10	2	F	.75 " "
Average	10	10	F	.67½ " "
July 1888	10	1	F	.60 " "
	10	3	F	.65 " "
	10	1	F	.70 " "
	10	5	F	.75 " "
Average	10	10	F	.70 " "
Jan. 1889	10	9	F	$0.70 per day.
	10	1	F	.80 " "
Average	10	10	F	.71 " "
July 1889	10	4	F	.70 " "
	10	5	F	.75 " "
	10	1	F	.80 " "
Average	10	10	F	.73½ " "
Jan. 1890	10	1	F	.60 " "
	10	2	F	.70 " "
	10	1	F	.75 " "
	10	1	F	.80 " "
Average	10	5	F	.71 " "
July 1890	10	1	F	.60 " "
	10	1	F	.70 " "
	10	2	F	.75 " "
	10	1	F	.85 " "
Average	10	5	F	.73 " "
Jan. 1891	10	1	F	.80 " "
	10	3	F	.85 " "
Average	10	4	F	.83½ " "
July 1891	10	1	F	.80 " "
	10	2	F	.85 " "
	10	1	F	.90 " "
Average	10	4	F	.85 " "

SPINNERS, FRAME.

July 1859	12	1	M	.96 per day.
Jan. 1864	11	1	M	.40 " "
	11	9	F	.75 " "
Average	11	10	.....	.71½ " "
July 1864	11	1	M	.40 " "
	11	2	F	.75 " "
	11	1	F	.80 " "
	11	7	F	.83 " "
Average	11	11	.....	.77½ " "
Jan. 1865	11	1	F	.50 " "
	11	5	F	.75 " "
	11	7	F	.83 " "
Average	11	13	F	.77½ " "
July 1865	11	1	F	.50 " "
	11	3	F	.58 " "
	11	1	F	.67 " "
	11	3	F	.75 " "
	11	8	F	.83 " "
Average	11	16	F	.73½ " "
Jan. 1866	11	6	F	.55 " "
	11	7	F	.75 " "
	11	1	M	1.00 " "
	11	2	F	1.00 " "
Average	11	16	.....	.72 " "
July 1866	11	1	M	.55 " "
	11	7	F	.55 " "
July 1866—conc'd.	11	8	F	.75 per day.
	11	1	F	.83 " "
	11	2	F	.92 " "
	11	2	F	1.00 " "
	11	1	F	1.25 " "
Average	11	22	.....	.74 " "
Jan. 1867	11	1	M	.55 " "
	11	10	F	.55 " "
	11	8	F	.67 " "
	11	1	F	1.00 " "
Average	11	20	.....	.62 " "
July 1867	11	1	M	.46 " "
	11	9	F	.46 " "
	11	4	F	.50 " "
	11	4	F	.58 " "
	11	7	F	.67 " "
Average	11	25	.....	.54½ " "
Jan. 1868	11	1	F	.50 " "
	11	1	F	.54 " "
	11	1	F	.58 " "
	11	2	F	.60 " "
	11	1	F	.67 " "
	11	1	F	.68 " "
Average	11	7	F	.59½ " "
July 1868	11	2	F	.54 " "
	11	1	M	.58 " "
	11	4	F	.58 " "
	11	2	F	.60 " "
	11	3	F	.67 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPINNERS, FRAME—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868–cone'd.	11	2	F	$0.70 per day.
	11	1	M	.83 " "
	11	7	F	.83 " "
	11	1	M	1.00 " "
	11	2	F	1.04 " "
Average	11	25	.....	.73 " "
Jan. 1869	11	2	F	.54 " "
	11	1	M	.58 " "
	11	4	F	.58 " "
	11	2	F	.67 " "
	11	2	F	.70 " "
	11	3	F	.83 " "
	11	2	M	1.00 " "
	11	1	F	1.04 " "
Average	11	17	.....	.72 " "
July 1869	11	1	M	.58 " "
	11	4	F	.58 " "
	11	2	F	.60 " "
	11	1	F	.67 " "
	11	1	F	.70 " "
	11	1	F	.73 " "
	11	3	F	.83 " "
	11	1	M	1.00 " "
	11	1	F	1.00 " "
	11	1	M	1.04 " "
	11	1	F	1.04 " "
Average	11	17	.....	.75 " "
Jan. 1870	11	4	F	.50 " "
	11	1	F	.58 " "
	11	1	F	.60 " "
	11	1	F	.64 " "
	11	1	F	.67 " "
	11	1	F	.73 " "
	11	5	F	.75 " "
	11	1	M	.83 " "
	11	3	F	.83 " "
	11	1	F	.94 " "
	11	1	M	1.00 " "
	11	14	F	1.00 " "
Average	11	34	.....	.83 " "
July 1870	11	1	F	.50 " "
	11	3	F	.58 " "
	11	1	F	.60 " "
	11	1	F	.64 " "
	11	2	F	.67 " "
	11	1	F	.73 " "
	11	4	F	.75 " "
	11	2	F	.83 " "
	11	1	M	1.00 " "
	11	11	F	1.00 " "
	11	1	F	1.04 " "
Average	11	28	.....	.83 " "
Jan. 1871	11	6	F	.50 " "
	11	1	F	.67 " "
	11	2	F	.75 " "
	11	3	F	.83 " "
	11	1	F	.90 " "
	11	8	F	1.00 " "
Average	11	21	F	.79 " "
July 1871	11	6	F	.50 " "
	11	1	F	.67 " "
	11	2	F	.75 " "
	11	3	F	.83 " "
July 1871–cone'd.	11	1	F	$0.90 per day.
	11	8	F	1.00 " "
Average	11	21	F	.79 " "
Jan. 1872	11	1	F	.40 " "
	11	4	F	.50 " "
	11	3	F	.58 " "
	11	2	F	.67 " "
	11	2	F	.75 " "
	11	1	F	.76 " "
	11	3	F	.80 " "
	11	1	F	.83 " "
	11	1	F	.90 " "
	11	1	F	.93 " "
	11	3	F	.95 " "
	11	7	F	1.00 " "
	11	1	F	1.08 " "
	11	1	F	1.20 " "
	11	1	F	1.25 " "
Average	11	32	F	.82 " "
July 1872	11	1	F	.40 " "
	11	4	F	.50 " "
	11	3	F	.58 " "
	11	2	F	.67 " "
	11	2	F	.75 " "
	11	1	F	.76 " "
	11	3	F	.80 " "
	11	1	F	.83 " "
	11	1	F	.93 " "
	11	3	F	.95 " "
	11	8	F	1.00 " "
	11	1	F	1.08 " "
	11	1	F	1.20 " "
	11	1	F	1.25 " "
Average	11	32	F	.82 " "
Jan. 1873	11	1	F	.80 " "
	11	17	F	1.00 " "
	11	1	F	1.25 " "
Average	11	19	F	1.00½ " "
July 1873	11	1	F	.80 " "
	11	17	F	1.00 " "
	11	1	F	1.25 " "
Average	11	19	F	1.00½ " "
Jan. 1874	11	2	F	.50 " "
	11	4	F	.60 " "
	11	1	M	.80 " "
	11	10	F	.80 " "
	11	9	F	1.00 " "
Average	11	26	.....	.81½ " "
July 1874	11	2	F	.50 " "
	11	4	F	.60 " "
	11	1	M	.80 " "
	11	10	F	.80 " "
	11	9	F	1.00 " "
Average	11	26	.....	.81½ " "
Jan. 1875	10	4	F	.60 " "
	10	2	F	.70 " "
	10	1	M	.80 " "
	10	7	F	.80 " "
	10	8	F	1.00 " "
Average	10	22	.....	.82½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued

SPINNERS, FRAME—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10	4	F	$0.60 per day.
	10	2	F	.70 " "
	10	1	M	.80 " "
	10	7	F	.80 " "
	10	8	F	1.00 " "
Average	10	22	.....	.82½ " "
Jan. 1876	10	2	F	.50 " "
	10	15	F	.60 " "
	10	1	M	.65 " "
	10	3	F	.65 " "
	10	2	F	.80 " "
Average	10	23	.....	.61½ " "
July 1876	10	2	F	.50 " "
	10	15	F	.60 " "
	10	1	M	.65 " "
	10	4	F	.65 " "
	10	1	F	.80 " "
Average	10	23	.....	.61 " "
Jan. 1877	10	2	F	.50 " "
	10	1	M	.60 " "
	10	14	F	.60 " "
	10	10	F	.65 " "
Average	10	27	.....	.61 " "
July 1877	10	2	F	.50 " "
	10	1	M	.60 " "
	10	14	F	.60 " "
	10	11	F	.65 " "
Average	10	28	.....	.61½ " "
Jan. 1878	10	9	F	.60 " "
	10	1	M	.65 " "
	10	18	F	.65 " "
Average	10	28	.....	.63½ " "
July 1878	10	2	F	.60 " "
	10	1	M	.65 " "
	10	23	F	.65 " "
Average	10	26	.....	.64½ " "
Jan. 1879	10	1	M	.70 " "
	10	29	F	.70 " "
Average	10	30	.....	.70 " "
July 1879	10	1	M	.70 " "
	10	26	F	.70 " "
Average	10	27	.....	.70 " "
Jan. 1880	10	1	M	.70 " "
	10	21	F	.70 " "
	10	1	F	.80 " "
Average	10	23	.....	.70½ " "
July 1880	10	1	M	.70 " "
	10	22	F	.70 " "
	10	1	F	.80 " "
Average	10	24	.....	.70½ " "
Jan. 1881	10	12	F	.70 " "
	10	1	F	.80 " "
	10	9	F	.90 " "
	10	2	F	1.00 " "
Average	10	24	F	.80½ " "
July 1881	10	13	F	$0.70 per day.
	10	1	F	.80 " "
	10	9	F	.90 " "
	10	2	F	1.00 " "
Average	10	25	F	.80 " "
Jan. 1882	10	12	F	.70 " "
	10	3	F	.80 " "
	10	10	F	.90 " "
	10	2	F	1.00 " "
Average	10	27	F	.80½ " "
July 1882	10	11	F	.70 " "
	10	3	F	.80 " "
	10	8	F	.90 " "
	10	1	F	1.00 " "
Average	10	23	F	.79½ " "
Jan. 1883	10	10	F	.70 " "
	10	6	F	.80 " "
	10	9	F	.90 " "
Average	10	25	F	.79½ " "
July 1883	10	9	F	.70 " "
	10	6	F	.80 " "
	10	1	F	.85 " "
	10	11	F	.90 " "
Average	10	27	F	.81 " "
Jan. 1884	10	1	F	.70 " "
	10	20	F	.75 " "
	10	10	F	.80 " "
	10	1	F	.90 " "
Average	10	32	F	.77 " "
July 1884	10	1	F	.70 " "
	10	22	F	.75 " "
	10	7	F	.80 " "
	10	1	F	.85 " "
	10	1	F	.90 " "
Average	10	32	F	.76½ " "
Jan. 1885	10	4	F	.70 " "
	10	26	F	.75 " "
	10	1	F	.90 " "
Average	10	31	F	.75 " "
July 1885	10	6	F	.70 " "
	10	23	F	.75 " "
	10	1	F	.90 " "
Average	10	30	F	.74½ " "
Jan. 1886	10	5	F	.70 " "
	10	10	F	.75 " "
	10	1	F	.90 " "
Average	10	16	F	.74½ " "
July 1886	10	5	F	.70 " "
	10	10	F	.75 " "
	10	1	F	.90 " "
Average	10	16	F	.74½ " "
Jan. 1887	10	5	F	.70 " "
	10	11	F	.75 " "
	10	1	F	.90 " "
Average	10	17	F	.74½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPINNERS, FRAME—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887	10	4	F	$0.70 per day.	Jan. 1890	10	1	F	$0.70 per day.
	10	12	F	.75 " "		10	4	M	.75 " "
	10	1	F	1.00 " "		10	5	F	.75 " "
						10	1	M	.80 " "
Average	10	17	F	.75½ " "		10	11	F	.80 " "
						10	2	M	.90 " "
Jan. 1888	10	2	F	.70 " "		10	1	F	.90 " "
	10	14	F	.75 " "					
	10	1	F	1.00 " "	Average	10	25	.....	.79 " "
Average	10	17	F	.76 " "	July 1890	10	1	F	.70 " "
						10	3	M	.75 " "
July 1888	10	3	F	.70 " "		10	3	F	.75 " "
	10	11	F	.75 " "		10	1	M	.80 " "
	10	2	F	.80 " "		10	10	F	.80 " "
	10	1	F	1.00 " "		10	2	F	.83 " "
						10	3	M	.90 " "
Average	10	17	F	.76 " "		10	4	F	.90 " "
					Average	10	27	.....	.81½ " "
Jan. 1889	10	2	M	.75 " "					
	10	5	F	.75 " "	Jan. 1891	10	1	F	.70 " "
	10	11	F	.80 " "		10	1	F	.80 " "
	10	1	F	1.00 " "		10	4	M	.83 " "
						10	15	F	.83 " "
Average	10	19	.....	.79 " "		10	3	M	.90 " "
						10	1	F	.90 " "
July 1889	10	3	M	.75 " "	Average	10	25	.....	.83⅓ " "
	10	5	F	.75 " "					
	10	1	F	.78 " "	July 1891	10	4	M	.83 " "
	10	1	M	.80 " "		10	18	F	.83 " "
	10	11	F	.80 " "		10	3	M	.90 " "
	10	1	M	.90 " "		10	1	F	.90 " "
	10	1	F	1.00 " "					
Average	10	23	.....	.79½ " "	Average	10	26	.....	.84 " "

SPINNERS, MULE.

Jan. 1872	11	1	M	1.33 per day.	Jan. 1874	11	8	M	1.50 per day.
	11	1	M	1.91 " "		11	1	M	1.60 " "
	11	1	M	1.96 " "		11	3	M	1.75 " "
	11	4	M	2.00 " "		11	8	M	1.80 " "
	11	3	M	2.10 " "					
	11	1	M	2.33 " "	Average	11	20	M	1.66⅔ " "
Average	11	11	M	1.98½ " "	July 1874	11	7	M	1.50 " "
						11	2	M	1.60 " "
July 1872	11	1	M	1.33 " "		11	2	M	1.75 " "
	11	1	M	1.91 " "		11	9	M	1.80 " "
	11	1	M	1.96 " "					
	11	4	M	2.00 " "	Average	11	20	M	1.67 " "
	11	3	M	2.10 " "					
	11	1	M	2.33 " "	Jan. 1875	10	1	M	1.50 " "
Average	11	11	M	1.98½ " "		10	1	M	1.75 " "
						10	10	M	1.80 " "
Jan. 1873	11	1	M	1.67 " "		10	3	M	1.90 " "
	11	2	M	1.90 " "		10	3	M	2.00 " "
	11	4	M	2.00 " "					
	11	3	M	2.10 " "	Average	10	18	M	1.83 " "
	11	1	M	2.16 " "					
	11	1	M	2.18 " "	July 1875	10	1	M	1.50 " "
	11	1	M	2.20 " "		10	9	M	1.80 " "
						10	6	M	1.90 " "
Average	11	13	M	2.02½ " "		10	3	M	2.00 " "
July 1873	11	1	M	1.67 " "	Average	10	19	M	1.84½ " "
	11	2	M	1.90 " "					
	11	4	M	2.00 " "	Jan. 1876	10	1	M	1.60 " "
	11	3	M	2.10 " "		10	3	M	1.65 " "
	11	2	M	2.16 " "		10	2	M	1.70 " "
	11	1	M	2.20 " "		10	4	M	1.75 " "
						10	5	M	1.80 " "
Average	11	13	M	2.02 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPINNERS, MULE—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1876–conc'd.	10	1	M	$1.90 per day.
	10	2	M	2.00 " "
Average	10	18	M	1.77 " "
July 1876	10	1	M	1.60 " "
	10	3	M	1.65 " "
	10	3	M	1.70 " "
	10	3	M	1.75 " "
	10	6	M	1.80 " "
	10	1	M	1.85 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
Average	10	20	M	1.77½ " "
Jan. 1877	10	2	M	1.65 " "
	10	3	M	1.70 " "
	10	3	M	1.75 " "
	10	8	M	1.80 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
Average	10	19	M	1.78½ " "
July 1877	10	1	M	1.65 " "
	10	2	M	1.70 " "
	10	3	M	1.75 " "
	10	6	M	1.80 " "
	10	2	M	1.90 " "
	10	2	M	2.00 " "
Average	10	16	M	1.80½ " "
Jan. 1878	10	2	M	1.70 " "
	10	2	M	1.75 " "
	10	6	M	1.80 " "
	10	2	M	1.90 " "
	10	2	M	2.00 " "
Average	10	14	M	1.82 " "
July 1878	10	1	M	1.70 " "
	10	2	M	1.75 " "
	10	6	M	1.80 " "
	10	2	M	1.90 " "
	10	2	M	2.00 " "
Average	10	13	M	1.83 " "
Jan. 1879	10	11	M	1.60 " "
	10	1	M	1.80 " "
Average	10	12	M	1.61½ " "
July 1879	10	9	M	1.60 " "
Jan. 1880	10	5	M	1.60 " "
	10	1	M	1.75 " "
Average	10	6	M	1.62½ " "
July 1880	10	4	M	1.60 " "
	10	2	M	1.75 " "
Average	10	6	M	1.65 " "
Jan. 1881	10	2	M	1.50 " "
	10	4	M	1.60 " "
	10	1	M	1.75 " "
Average	10	7	M	1.59½ " "
July 1881	10	3	M	1.50 " "
	10	2	M	1.60 " "
	10	3	M	1.75 " "
Average	10	8	M	1.62 " "
Jan. 1882	10	1	M	$1.50 per day.
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	4	M	1.75 " "
Average	10	8	M	1.67½ " "
July 1882	10	4	M	1.60 " "
	10	1	M	1.70 " "
	10	3	M	1.75 " "
Average	10	8	M	1.67 " "
Jan. 1883	10	10	M	1.60 " "
	10	2	M	1.70 " "
	10	1	M	1.80 " "
Average	10	13	M	1.63 " "
July 1883	10	10	M	1.60 " "
	10	2	M	1.70 " "
	10	1	M	1.80 " "
Average	10	13	M	1.63 " "
Jan. 1884	10	6	M	1.50 " "
	10	3	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.80 " "
Average	10	11	M	1.57½ " "
July 1884	10	6	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.70 " "
	10	1	M	1.80 " "
Average	10	11	M	1.57½ " "
Jan. 1885	10	2	M	1.50 " "
	10	2	M	1.60 " "
	10	2	M	1.65 " "
	10	2	M	1.70 " "
	10	2	M	1.80 " "
Average	10	10	M	1.65 " "
July 1885	10	2	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
	10	2	M	1.70 " "
	10	3	M	1.80 " "
Average	10	10	M	1.66½ " "
Jan. 1886	10	1	M	1.60 " "
	10	2	M	1.70 " "
	10	2	M	1.75 " "
	10	9	M	1.80 " "
Average	10	14	M	1.76½ " "
July 1886	10	1	M	1.60 " "
	10	2	M	1.70 " "
	10	2	M	1.75 " "
	10	9	M	1.80 " "
Average	10	14	M	1.76½ " "
Jan. 1887	10	3	M	1.60 " "
	10	3	M	1.70 " "
	10	2	M	1.75 " "
	10	11	M	1.80 " "
Average	10	19	M	1.74½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPINNERS, MULE—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887	10	3	M	$1.60 per day.	Jan. 1890	10	2	M	$1.70 per day.
	10	1	M	1.65 " "		10	2	M	1.80 " "
	10	4	M	1.70 " "		10	10	M	1.83 " "
	10	2	M	1.75 " "		10	2	M	1.85 " "
	10	12	M	1.80 " "		10	2	M	1.86 " "
						10	2	M	1.90 " "
Average	10	22	M	1.74½ " "	Average	10	20	M	1.82½ " "
Jan. 1888	10	7	M	1.70 " "	July 1890	10	2	M	1.70 " "
	10	3	M	1.75 " "		10	1	M	1.76 " "
	10	12	M	1.80 " "		10	1	M	1.80 " "
						10	11	M	1.83 " "
Average	10	22	M	1.76 " "		10	3	M	1.85 " "
						10	2	M	1.86 " "
July 1888	10	4	M	1.70 " "		10	2	M	1.90 " "
	10	3	M	1.75 " "					
	10	14	M	1.80 " "	Average	10	22	M	1.82½ " "
	10	1	M	1.83 " "	Jan. 1891	10	4	M	1.70 " "
						10	1	M	1.75 " "
Average	10	22	M	1.77½ " "		10	1	M	1.76 " "
						10	4	M	1.80 " "
Jan. 1889	10	1	M	1.70 " "		10	7	M	1.83 " "
	10	1	M	1.78 " "		10	2	M	1.85 " "
	10	4	M	1.80 " "		10	3	M	1.86 " "
	10	10	M	1.83 " "		10	3	M	1.90 " "
	10	3	M	1.90 " "					
Average	10	19	M	1.82½ " "	Average	10	25	M	1.81 " "
July 1889	10	1	M	1.70 " "	July 1891	10	3	M	1.70 " "
	10	1	M	1.78 " "		10	1	M	1.75 " "
	10	2	M	1.80 " "		10	3	M	1.80 " "
	10	10	M	1.83 " "		10	7	M	1.83 " "
	10	1	M	1.85 " "		10	3	M	1.85 " "
	10	1	M	1.86 " "		10	3	M	1.86 " "
	10	4	M	1.90 " "		10	3	M	1.90 " "
Average	10	20	M	1.83½ " "	Average	10	23	M	1.82 " "

SPOOLERS.

Jan. 1856	12	1	F	.65 per day.	Jan. 1858–conc'd.	12	1	F	.37 per day.
July 1857	12	1	F	.14 " "		12	2	M	.38 " "
	12	1	M	.20 " "		12	1	F	.38 " "
	12	1	M	.22 " "		12	1	M	.40 " "
	12	1	M	.24 " "		12	1	M	.43 " "
	12	2	F	.25 " "		12	2	M	.46 " "
	12	1	M	.27 " "		12	1	F	.46 " "
	12	2	M	.28 " "		12	1	F	.47 " "
	12	1	F	.30 " "		12	5	F	.50 " "
	12	1	M	.33 " "		12	1	F	.54 " "
	12	1	F	.33 " "					
	12	1	M	.34 " "	Average	12	24	.....	.39½ " "
	12	2	M	.38 " "					
	12	2	M	.40 " "					
	12	1	F	.40 " "	July 1858	12	1	M	.28 " "
	12	1	M	.42 " "		12	1	F	.28 " "
	12	1	F	.43 " "		12	1	M	.30 " "
	12	1	F	.44 " "		12	1	F	.30 " "
	12	1	M	.45 " "		12	1	F	.35 " "
	12	1	F	.46 " "		12	2	M	.37 " "
	12	2	F	.48 " "		12	1	M	.38 " "
	12	2	F	.50 " "		12	2	M	.40 " "
						12	2	F	.40 " "
Average	12	27	.....	.35½ " "		12	2	M	.46 " "
Jan. 1858	12	1	F	.22 " "		12	1	F	.47 " "
	12	1	M	.25 " "		12	2	F	.50 " "
	12	1	M	.28 " "		12	1	M	.54 " "
	12	2	M	.30 " "		12	1	F	.56 " "
	12	2	F	.30 " "		12	1	F	.60 " "
	12	1	M	.32 " "	Average	12	20	.....	.41½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPOOLERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1859	12	1	M	$0.13 per day.
	12	1	M	.22 " "
	12	1	F	.30 " "
	12	1	M	.35 " "
	12	1	M	.37 " "
	12	1	F	.38 " "
	12	2	M	.40 " "
	12	1	F	.40 " "
	12	1	M	.46 " "
	12	1	F	.47 " "
	12	1	M	.50 " "
	12	1	F	.50 " "
	12	1	F	.56 " "
	12	1	M	.60 " "
	12	1	F	.60 " "
Average	12	16	.....	.41½ " "
July 1859	12	1	F	.09 " "
	12	1	M	.25 " "
	12	1	F	.25 " "
	12	1	M	.27 " "
	12	1	F	.30 " "
	12	1	M	.38 " "
	12	1	F	.38 " "
	12	1	M	.40 " "
	12	1	M	.46 " "
	12	1	F	.46 " "
	12	1	M	.50 " "
	12	1	F	.50 " "
	12	1	M	.58 " "
	12	3	F	.60 " "
	12	1	M	.64 " "
Average	12	17	.....	.42½ " "
Jan. 1860	12	1	F	.20 " "
	12	1	F	.28 " "
	12	2	F	.30 " "
	12	1	M	.33 " "
	12	1	M	.40 " "
	12	2	F	.45 " "
	12	1	F	.46 " "
	12	1	M	.50 " "
	12	1	M	.56 " "
	12	2	F	.60 " "
Average	12	13	.....	.42 " "
July 1860	12	1	F	.20 " "
	12	1	F	.30 " "
	12	2	F	.33 " "
	12	1	F	.35 " "
	12	1	M	.36 " "
	12	1	M	.40 " "
	12	1	F	.40 " "
	12	1	M	.43 " "
	12	2	F	.45 " "
	12	1	M	.50 " "
	12	1	F	.50 " "
	12	1	M	.58 " "
	12	1	F	.60 " "
	12	1	F	.65 " "
Average	12	16	.....	.42½ " "
Jan. 1861	11	1	F	.17 " "
	11	2	F	.20 " "
	11	1	F	.25 " "
	11	1	M	.30 " "
	11	1	F	.33 " "
	11	1	F	.34 " "
	11	1	F	.35 " "
	11	1	F	.36 " "
	11	2	F	.38 " "
	11	1	F	.40 " "

Payroll of—	Hours per day.	Different employes.	Sex.	Rate of wages.
Jan. 1861—conc'd.	11	1	F	$0.42 per day.
	11	1	M	.45 " "
	11	1	F	.45 " "
	11	1	F	.48 " "
	11	1	F	.50 " "
Average	11	17	.....	.35 " "
July 1861	11	1	F	.24 " "
	11	2	F	.25 " "
	11	1	F	.26 " "
	11	1	F	.27 " "
	11	2	F	.28 " "
	11	1	F	.34 " "
	11	3	F	.36 " "
	11	1	M	.38 " "
	11	2	F	.38 " "
	11	1	F	.41 " "
	11	1	F	.44 " "
	11	1	F	.45 " "
	11	1	F	.46 " "
	11	1	M	.48 " "
	11	2	F	.48 " "
	11	1	F	.50 " "
Average	11	22	.....	.37 " "
Jan. 1862	11	1	F	.26 " "
	11	1	F	.34 " "
	11	1	F	.35 " "
	11	2	F	.36 " "
	11	1	F	.37 " "
	11	1	M	.40 " "
	11	1	F	.43 " "
	11	3	F	.44 " "
	11	1	F	.47 " "
	11	1	F	.48 " "
	11	2	M	.60 " "
Average	11	15	.....	.42½ " "
July 1862	11	1	F	.28 " "
	11	1	F	.34 " "
	11	1	F	.35 " "
	11	1	F	.36 " "
	11	1	F	.38 " "
	11	1	F	.39 " "
	11	1	M	.42 " "
	11	4	F	.45 " "
	11	1	F	.49 " "
	11	1	F	.50 " "
	11	2	M	.65 " "
Average	11	15	.....	.44 " "
Jan. 1863	11	1	F	.20 " "
	11	1	F	.24 " "
	11	1	M	.28 " "
	11	1	F	.31 " "
	11	2	F	.38 " "
	11	1	F	.48 " "
	11	1	F	.50 " "
Average	11	8	.....	.34½ " "
July 1863	11	1	F	.20 " "
	11	1	F	.26 " "
	11	1	M	.27 " "
	11	1	M	.28 " "
	11	1	F	.34 " "
	11	1	F	.48 " "
	11	1	F	.50 " "
	11	1	F	.56 " "
	11	1	F	.58 " "
Average	11	9	.....	.38½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPOOLERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1864	11	1	M	$0.30 per day.	July 1866—conc'd.	11	1	F	$0.75 per day.
	11	1	F	.30 " "		11	1	M	.79 " "
	11	1	F	.33 " "		11	3	F	.79 " "
	11	1	F	.38 " "		11	4	M	.83 " "
	11	1	F	.39 " "		11	11	F	.83 " "
	11	1	M	.40 " "		11	2	F	.92 " "
	11	1	F	.52 " "		11	1	F	1.00 " "
	11	1	M	.53 " "		11	1	F	1.17 " "
	11	1	F	.53 " "					
	11	1	F	.56 " "	Average	11	29	.....	.81 " "
	11	1	F	.58 " "					
	11	1	F	.60 " "	Jan. 1867	11	1	F	.60 " "
	11	1	F	.65 " "		11	1	F	.62 " "
						11	1	M	.64 " "
Average	11	13	.....	.46½ " "		11	2	M	.68 " "
						11	1	F	.69 " "
July 1864	11	1	F	.33 " "		11	1	F	.72 " "
	11	1	M	.36 " "		11	2	F	.73 " "
	11	1	M	.40 " "		11	2	F	.75 " "
	11	1	F	.40 " "		11	2	F	.76 " "
	11	2	F	.46 " "		11	2	F	.79 " "
	11	2	F	.52 " "		11	4	F	.80 " "
	11	1	M	.56 " "		11	2	M	.83 " "
	11	2	F	.58 " "		11	3	F	.83 " "
	11	3	F	.60 " "		11	1	F	.86 " "
						11	1	F	.93 " "
Average	11	14	.....	.50 " "		11	1	F	1.25 " "
Jan. 1865	11	2	M	.33 " "	Average	11	27	.....	.78 " "
	11	2	F	.33 " "					
	11	1	F	.38 " "	July 1867	11	1	F	.46 " "
	11	4	F	.40 " "		11	1	F	.56 " "
	11	1	F	.46 " "		11	1	F	.60 " "
	11	2	M	.50 " "		11	1	M	.61 " "
	11	1	F	.50 " "		11	1	M	.64 " "
	11	1	M	.54 " "		11	2	F	.67 " "
	11	2	M	.58 " "		11	1	F	.68 " "
	11	5	F	.58 " "		11	1	F	.69 " "
	11	1	F	.67 " "		11	2	F	.73 " "
						11	1	F	.75 " "
Average	11	22	.....	.48 " "		11	2	F	.76 " "
						11	1	F	.78 " "
July 1865	11	1	F	.33 " "		11	1	F	.79 " "
	11	1	F	.38 " "		11	3	F	.80 " "
	11	1	M	.40 " "		11	2	M	.83 " "
	11	1	M	.46 " "		11	1	F	1.08 " "
	11	7	F	.46 " "		11	1	F	1.25 " "
	11	1	M	.50 " "					
	11	1	F	.50 " "	Average	11	23	.....	.75 " "
	11	1	M	.54 " "					
	11	2	M	.58 " "	Jan. 1868	11	2	F	.48 " "
	11	5	F	.58 " "		11	1	F	.50 " "
	11	1	F	.60 " "		11	1	M	.56 " "
	11	1	F	.67 " "		11	1	F	.56 " "
						11	1	M	.58 " "
Average	11	23	.....	.50½ " "		11	1	F	.59 " "
						11	1	F	.60 " "
Jan. 1866	11	3	F	.58 " "		11	2	F	.62 " "
	11	3	M	.60 " "		11	1	F	.68 " "
	11	3	F	.60 " "		11	1	F	.70 " "
	11	3	M	.62 " "		11	1	F	.80 " "
	11	2	F	.62 " "		11	1	F	.86 " "
	11	2	F	.67 " "		11	1	F	.92 " "
	11	2	F	.72 " "		11	1	M	1.00 " "
	11	2	M	.75 " "		11	2	F	1.00 " "
	11	2	F	.75 " "					
	11	1	F	.79 " "	Average	11	18	.....	.69½ " "
	11	3	F	.83 " "					
	11	1	F	.92 " "	July 1868	11	2	F	.50 " "
						11	1	M	.55 " "
Average	11	27	.....	.68 " "		11	1	M	.56 " "
						11	2	F	.60 " "
July 1866	11	2	F	.60 " "		11	3	F	.63 " "
	11	1	F	.62 " "		11	1	F	.64 " "
	11	1	F	.63 " "		11	1	F	.68 " "
	11	1	F	.67 " "		11	1	F	.70 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPOOLERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868–conc'd.	11	1	F	$0.72 per day.
	11	1	F	.92 " "
	11	1	F	.98 " "
	11	1	F	1.03 " "
	11	1	F	1.04 " "
	11	1	F	1.26 " "
Average	11	18	.....	.73 " "
Jan. 1869	11	1	F	.60 " "
	11	2	F	.62 " "
	11	1	F	.65 " "
	11	1	F	.68 " "
	11	1	F	.70 " "
	11	1	F	.72 " "
	11	1	M	.75 " "
	11	1	F	.80 " "
	11	1	F	.88 " "
	11	1	F	1.00 " "
	11	1	F	1.03 " "
	11	1	M	1.30 " "
Average	11	13	.....	.79½ " "
July 1869	11	1	F	.54 " "
	11	1	F	.64 " "
	11	1	F	.65 " "
	11	1	F	.68 " "
	11	2	F	.74 " "
	11	1	F	.75 " "
	11	2	M	.78 " "
	11	1	F	.78 " "
	11	1	F	.82 " "
	11	1	F	.86 " "
	11	1	F	1.05 " "
	11	1	M	1.30 " "
Average	11	14	.....	.79½ " "
Jan. 1870	11	1	F	.66 " "
	11	1	M	.68 " "
	11	1	F	.70 " "
	11	2	M	.78 " "
	11	3	F	.80 " "
	11	1	F	.83 " "
	11	1	F	.84 " "
	11	1	F	.90 " "
	11	1	F	1.00 " "
Average	11	12	.....	.79½ " "
July 1870	11	1	F	.54 " "
	11	1	F	.65 " "
	11	1	F	.67 " "
	11	2	F	.70 " "
	11	1	M	.75 " "
	11	1	F	.75 " "
	11	1	F	.78 " "
	11	1	M	.79 " "
	11	2	F	.82 " "
	11	1	F	.89 " "
	11	1	F	.96 " "
	11	1	F	1.05 " "
Average	11	14	.....	.77½ " "
Jan. 1871	11	1	F	.50 " "
	11	1	F	.65 " "
	11	1	F	.68 " "
	11	1	F	.74 " "
	11	2	F	.75 " "
	11	3	F	.80 " "
	11	1	F	.82 " "
	11	1	F	.86 " "
	11	1	F	.90 " "
Jan. 1871–conc'd.	11	2	F	$0.96 per day.
	11	1	F	1.16 " "
Average	11	15	F	.81 " "
July 1871	11	1	M	.37 " "
	11	1	F	.38 " "
	11	1	F	.40 " "
	11	1	F	.62 " "
	11	1	F	.63 " "
	11	2	F	.68 " "
	11	1	F	.72 " "
	11	1	F	.74 " "
	11	1	F	.75 " "
	11	1	F	.76 " "
	11	1	F	.79 " "
	11	3	F	.80 " "
	11	1	F	.82 " "
	11	1	F	.83 " "
	11	2	F	.86 " "
	11	1	F	.90 " "
Average	11	20	.....	.71 " "
Jan. 1872	11	2	F	.50 " "
	11	1	F	.60 " "
	11	1	F	.70 " "
	11	1	F	.75 " "
	11	3	F	.80 " "
	11	1	F	.83 " "
	11	1	F	.90 " "
	11	2	F	1.00 " "
Average	11	12	F	.76½ " "
July 1872	11	1	F	.56 " "
	11	1	F	.62 " "
	11	5	F	.66 " "
	11	1	F	.75 " "
	11	1	F	.76 " "
	11	1	F	.80 " "
	11	2	F	.86 " "
	11	2	F	.90 " "
	11	2	F	1.00 " "
	11	1	F	1.12 " "
Average	11	17	F	.79 " "
Jan. 1873	11	2	F	.50 " "
	11	2	F	.60 " "
	11	1	F	.62 " "
	11	1	F	.65 " "
	11	1	F	.68 " "
	11	1	F	.73 " "
	11	1	F	.80 " "
	11	1	F	.82 " "
	11	1	F	.86 " "
	11	1	F	.87 " "
	11	2	F	1.00 " "
Average	11	14	F	.73 " "
July 1873	11	1	F	.38 " "
	11	1	F	.45 " "
	11	1	F	.60 " "
	11	1	F	.62 " "
	11	1	F	.63 " "
	11	1	F	.65 " "
	11	2	F	.66 " "
	11	1	F	.68 " "
	11	1	F	.70 " "
	11	1	F	.73 " "
	11	1	F	.75 " "
	11	1	F	.79 " "
	11	1	F	.80 " "
	11	1	F	.83 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPOOLERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873–conc'd.	11	1	F	$0.86 per day.
	11	1	F	.90 " "
	11	1	F	.92 " "
	11	2	F	1.00 " "
Average	11	20	F	.73 " "
Jan. 1874	11	1	F	.30 " "
	11	1	F	.32 " "
	11	1	F	.40 " "
	11	2	F	.50 " "
	11	1	F	.52 " "
	11	3	F	.60 " "
	11	1	F	.62 " "
	11	2	F	.67 " "
	11	1	F	.70 " "
	11	1	F	.72 " "
	11	1	F	.75 " "
	11	3	F	.80 " "
	11	1	F	.86 " "
	11	1	F	.90 " "
	11	1	F	1.00 " "
Average	11	21	F	.65 " "
July 1874	11	1	F	.23 " "
	11	1	F	.40 " "
	11	1	F	.45 " "
	11	1	F	.46 " "
	11	1	F	.48 " "
	11	1	F	.53 " "
	11	1	F	.56 " "
	11	1	F	.60 " "
	11	1	F	.62 " "
	11	1	F	.65 " "
	11	1	F	.70 " "
	11	1	F	.72 " "
	11	1	F	.75 " "
	11	1	F	.86 " "
	11	1	F	.90 " "
Average	11	15	F	.59½ " "
Jan. 1875	10	1	F	.48 " "
	10	3	F	.50 " "
	10	1	F	.52 " "
	10	3	F	.60 " "
	10	1	F	.62 " "
	10	1	F	.68 " "
	10	1	F	.70 " "
	10	1	F	.72 " "
	10	2	F	.75 " "
	10	1	F	.76 " "
	10	1	F	.80 " "
	10	1	F	.85 " "
	10	1	F	.86 " "
Average	10	18	F	.65½ " "
July 1875	10	1	F	.50 " "
	10	1	F	.58 " "
	10	5	F	.60 " "
	10	2	F	.62 " "
	10	1	F	.63 " "
	10	3	F	.70 " "
	10	1	F	.72 " "
	10	4	F	.75 " "
	10	1	F	.80 " "
	10	1	F	.86 " "
	10	2	F	.90 " "
Average	10	22	F	.69 " "
Jan. 1876	10	1	F	.46 " "
	10	2	F	.50 " "
Jan. 1876–conc'd.	10	2	F	$0.60 per day.
	10	1	F	.63 " "
	10	1	F	.66 " "
	10	2	F	.70 " "
	10	2	F	.75 " "
	10	1	F	.80 " "
	10	3	F	.83 " "
	10	1	F	.90 " "
	10	1	F	1.05 " "
Average	10	17	F	.71 " "
July 1876	10	1	F	.30 " "
	10	2	F	.60 " "
	10	2	F	.65 " "
	10	3	F	.66 " "
	10	1	F	.68 " "
	10	1	F	.70 " "
	10	2	F	.75 " "
	10	3	F	.80 " "
	10	1	F	.82 " "
	10	1	F	.83 " "
	10	1	F	.86 " "
	10	1	F	.90 " "
	10	1	F	1.05 " "
Average	10	20	F	.72½ " "
Jan. 1877	10	1	F	.38 " "
	10	1	F	.58 " "
	10	1	F	.60 " "
	10	2	F	.65 " "
	10	1	F	.70 " "
	10	1	F	.73 " "
	10	1	F	.75 " "
	10	1	F	.76 " "
	10	7	F	.86 " "
	10	1	F	.86 " "
Average	10	17	F	.72 " "
July 1877	10	1	F	.28 " "
	10	1	F	.45 " "
	10	2	F	.50 " "
	10	1	F	.60 " "
	10	2	F	.65 " "
	10	1	F	.67 " "
	10	1	F	.68 " "
	10	1	F	.70 " "
	10	1	F	.73 " "
	10	1	F	.75 " "
	10	1	F	.76 " "
	10	4	F	.80 " "
	10	1	F	.85 " "
Average	10	18	F	.66½ " "
Jan. 1878	10	1	F	.30 " "
	10	3	F	.33 " "
	10	1	F	.45 " "
	10	1	F	.50 " "
	10	1	F	.52 " "
	10	1	F	.58 " "
	10	2	F	.65 " "
	10	1	F	.66 " "
	10	1	F	.67 " "
	10	2	F	.68 " "
	10	1	F	.70 " "
	10	1	F	.73 " "
	10	1	F	.75 " "
	10	4	F	.80 " "
	10	1	F	.85 " "
Average	10	22	F	.61½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPOOLERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1878	10	1	F	$0.25 per day.
	10	2	F	.33 " "
	10	2	F	.38 " "
	10	2	F	.40 " "
	10	1	F	.50 " "
	10	4	F	.60 " "
	10	1	F	.65 " "
	10	1	F	.66 " "
	10	2	F	.68 " "
	10	1	F	.73 " "
	10	2	F	.75 " "
	10	1	F	.76 " "
	10	3	F	.80 " "
	10	1	F	.85 " "
Average	10	24	F	.59½ " "
Jan. 1879	10	1	F	.33 " "
	10	1	F	.38 " "
	10	2	F	.40 " "
	10	2	F	.43 " "
	10	1	F	.46 " "
	10	1	F	.48 " "
	10	2	F	.50 " "
	10	1	F	.54 " "
	10	3	F	.60 " "
	10	2	F	.62 " "
	10	3	F	.66 " "
	10	2	F	.68 " "
	10	1	F	.69 " "
	10	4	F	.70 " "
	10	1	F	.72 " "
Average	10	27	F	.57 " "
July 1879	10	1	F	.25 " "
	10	1	F	.35 " "
	10	1	F	.41 " "
	10	1	F	.45 " "
	10	3	F	.47 " "
	10	1	F	.50 " "
	10	1	F	.54 " "
	10	2	F	.55 " "
	10	1	F	.57 " "
	10	2	F	.60 " "
	10	1	F	.61 " "
	10	1	F	.64 " "
	10	1	F	.66 " "
	10	2	F	.68 " "
	10	9	F	.70 " "
	10	1	F	.73 " "
	10	4	F	.75 " "
	10	1	F	.80 " "
Average	10	34	F	.61½ " "
Jan. 1880	10	6	F	.50 " "
	10	3	F	.60 " "
	10	4	F	.70 " "
	10	5	F	.75 " "
	10	7	F	.80 " "
	10	1	F	.85 " "
Average	10	26	F	.68½ " "
July 1880	10	1	F	.35 " "
	10	2	F	.40 " "
	10	3	F	.55 " "
	10	5	F	.60 " "
	10	1	F	.62 " "
	10	1	F	.65 " "
	10	4	F	.70 " "
	10	3	F	.75 " "
	10	8	F	.80 " "
	10	3	F	.85 " "
Average	10	31	F	.68 " "
Jan. 1881	10	1	F	$0.50 per day.
	10	1	F	.55 " "
	10	4	F	.60 " "
	10	1	F	.62 " "
	10	1	F	.65 " "
	10	4	F	.70 " "
	10	4	F	.75 " "
	10	6	F	.80 " "
	10	2	F	.85 " "
	10	6	F	.90 " "
	10	1	M	1.00 " "
	10	1	F	1.00 " "
Average	10	32	.....	.76½ " "
July 1881	10	1	F	.40 " "
	10	1	F	.50 " "
	10	1	F	.58 " "
	10	2	F	.60 " "
	10	9	F	.70 " "
	10	7	F	.75 " "
	10	7	F	.80 " "
	10	1	F	.85 " "
	10	4	F	.90 " "
	10	1	M	1.00 " "
	10	1	F	1.00 " "
Average	10	35	.....	.75 " "
Jan. 1882	10	1	F	.50 " "
	10	1	F	.58 " "
	10	3	F	.60 " "
	10	1	F	.65 " "
	10	7	F	.70 " "
	10	7	F	.75 " "
	10	9	F	.80 " "
	10	1	F	.85 " "
	10	3	F	.90 " "
	10	1	M	1.00 " "
	10	4	F	1.00 " "
	10	1	F	1.25 " "
Average	10	39	.....	.78½ " "
July 1882	10	1	F	.50 " "
	10	4	F	.60 " "
	10	3	F	.65 " "
	10	3	F	.70 " "
	10	8	F	.75 " "
	10	11	F	.80 " "
	10	2	F	.85 " "
	10	1	F	.90 " "
	10	1	M	1.00 " "
	10	4	F	1.00 " "
	10	1	F	1.25 " "
Average	10	39	.....	.78½ " "
Jan. 1883	10	1	F	.33 " "
	10	2	F	.60 " "
	10	1	F	.70 " "
	10	7	F	.75 " "
	10	6	F	.80 " "
	10	1	F	.85 " "
	10	6	F	.90 " "
	10	1	F	1.00 " "
Average	10	25	F	.78 " "
July 1883	10	1	F	.40 " "
	10	1	F	.50 " "
	10	1	F	.60 " "
	10	1	F	.65 " "
	10	2	F	.70 " "
	10	4	F	.75 " "
	10	3	F	.80 " "
	10	2	F	.85 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPOOLERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883–cone'd.	10	5	F	$0.90 per day.
	10	1	F	1.00 " "
Average	10	21	F	.77 " "
Jan. 1884	10	1	F	.55 " "
	10	2	F	.60 " "
	10	3	F	.70 " "
	10	3	F	.75 " "
	10	3	F	.80 " "
	10	1	F	.85 " "
	10	2	F	.90 " "
	10	1	F	1.00 " "
Average	10	16	F	.76 " "
July 1884	10	1	F	.40 " "
	10	1	F	.50 " "
	10	1	F	.60 " "
	10	2	F	.70 " "
	10	2	F	.75 " "
	10	4	F	.80 " "
	10	2	F	1.00 " "
Average	10	13	F	.74 " "
Jan. 1885	10	1	F	.60 " "
	10	3	F	.70 " "
	10	3	F	.75 " "
	10	3	F	.80 " "
	10	1	F	.90 " "
	10	2	F	1.00 " "
Average	10	13	F	.79 " "
July 1885	10	1	F	.70 " "
	10	2	F	.75 " "
	10	3	F	.80 " "
	10	1	F	.85 " "
	10	1	F	.90 " "
	10	2	F	1.00 " "
Average	10	10	F	.83½ " "
Jan. 1886	10	1	F	.70 " "
	10	1	M	.75 " "
	10	2	F	.75 " "
	10	3	F	.80 " "
	10	1	F	.85 " "
	10	1	F	.90 " "
	10	2	F	1.00 " "
Average	10	11	.....	.82½ " "
July 1886	10	1	F	.70 " "
	10	1	M	.75 " "
	10	2	F	.75 " "
	10	3	F	.80 " "
	10	1	F	.85 " "
	10	1	F	.90 " "
	10	3	F	1.00 " "
Average	10	12	.....	.84 " "
Jan. 1887	10	1	F	.70 " "
	10	1	F	.75 " "
	10	3	F	.80 " "
	10	1	M	.85 " "
	10	1	F	.85 " "
	10	1	F	.90 " "
	10	2	F	1.00 " "
Average	10	10	.....	.84½ " "
July 1887	10	2	F	.70 " "
	10	1	F	.75 " "
July 1887–cone'd.	10	5	F	$0.80 per day.
	10	1	F	.85 " "
	10	2	F	.90 " "
	10	2	F	1.00 " "
Average	10	13	F	.83 " "
Jan. 1888	10	3	F	.60 " "
	10	1	F	.70 " "
	10	7	F	.80 " "
	10	2	F	.85 " "
	10	3	F	.90 " "
	10	2	F	1.00 " "
Average	10	18	F	.80½ " "
July 1888	10	1	F	.40 " "
	10	2	F	.60 " "
	10	1	M	.65 " "
	10	3	F	.75 " "
	10	9	F	.80 " "
	10	1	F	.85 " "
	10	4	F	.90 " "
	10	2	F	1.00 " "
Average	10	23	.....	.79 " "
Jan. 1889	10	1	F	.50 " "
	10	1	M	.65 " "
	10	1	M	.70 " "
	10	1	M	.75 " "
	10	1	F	.75 " "
	10	1	M	.80 " "
	10	10	F	.80 " "
	10	1	F	.82 " "
	10	2	F	.85 " "
	10	5	F	.90 " "
	10	2	F	1.00 " "
Average	10	26	.....	.81½ " "
July 1889	10	2	M	.70 " "
	10	7	M	.80 " "
	10	11	F	.80 " "
	10	1	F	.82 " "
	10	2	F	.85 " "
	10	5	F	.90 " "
	10	2	F	1.00 " "
Average	10	30	.....	.82½ " "
Jan. 1890	10	10	M	.80 " "
	10	10	F	.80 " "
	10	1	F	.82 " "
	10	1	F	.85 " "
	10	5	F	.90 " "
	10	2	F	1.00 " "
Average	10	29	.....	.83½ " "
July 1890	10	10	M	.80 " "
	10	9	F	.80 " "
	10	1	F	.82 " "
	10	1	M	.85 " "
	10	1	F	.85 " "
	10	3	F	.90 " "
	10	1	F	1.00 " "
Average	10	26	.....	.82½ " "
Jan. 1891	10	1	F	.60 " "
	10	4	M	.80 " "
	10	4	F	.80 " "
	10	2	M	.85 " "
	10	4	F	.85 " "
	10	2	F	.90 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPOOLERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891–cone'd.	10	1	M	$1.00 per day.	July 1891–cone'd.	10	4	F	$0.85 per day.
	10	1	F	1.00 " "		10	1	M	.90 " "
						10	1	F	.90 " "
Average	10	19	.....	.83½ " "		10	1	M	1.00 " "
						10	1	F	1.00 " "
July 1891	10	1	F	.75 " "					
	10	2	M	.80 " "	Average	10	16	.....	.84½ " "
	10	5	F	.80 " "					

STRETCHERS.

Jan. 1840	14	1	F	.40 per day.	July 1844	14	1	M	.42 per day.
	14	1	F	.50 " "		14	5	F	.47 " "
	14	2	F	.52 " "		14	4	F	.48 " "
	14	2	F	.54 " "					
	14	1	M	.55 " "	Average	14	10	.....	.47 " "
	14	1	F	.56 " "					
	14	1	M	.58 " "	Jan. 1845	14	2	F	.42 " "
	14	1	M	.60 " "		14	1	M	.44 " "
						14	6	F	.47 " "
Average	14	10	.....	.53 " "		14	3	F	.48 " "
July 1841	14	1	F	.40 " "	Average	14	12	.....	.46 " "
	14	3	F	.50 " "					
	14	2	F	.52 " "	July 1845	14	4	F	.42 " "
	14	1	M	.55 " "		14	3	F	.47 " "
	14	1	F	.55 " "		14	3	F	.48 " "
	14	3	F	.56 " "					
	14	1	M	.65 " "	Average	14	10	F	.45⅓ " "
Average	14	12	.....	.53 " "	Jan. 1846	14	2	F	.46 " "
						14	1	F	.50 " "
Jan. 1842	14	4	F	.40 " "		14	6	F	.52 " "
	14	2	F	.44 " "		14	3	F	.54 " "
	14	4	F	.50 " "		14	1	F	.56 " "
	14	4	F	.52 " "					
	14	1	M	.55 " "	Average	14	13	F	.51½ " "
	14	1	F	.55 " "					
	14	2	F	.56 " "	July 1846	14	1	F	.42 " "
						14	2	M	.48 " "
Average	14	18	.....	.49 " "		14	5	F	.48 " "
						14	4	F	.50 " "
July 1842	14	1	F	.47 " "		14	2	F	.54 " "
	14	3	F	.50 " "		14	1	F	.56 " "
	14	1	M	.52 " "					
	14	3	F	.54 " "	Average	14	15	.....	.49½ " "
	14	1	M	.60 " "					
					Jan. 1847	14	1	F	.42 " "
Average	14	9	.....	.52½ " "		14	3	F	.46 " "
						14	1	F	.47 " "
Jan. 1843	14	1	F	.38 " "		14	1	M	.48 " "
	14	3	F	.44 " "		14	8	F	.48 " "
	14	1	M	.48 " "		14	1	M	.50 " "
	14	2	F	.48 " "		14	1	F	.50 " "
	14	1	F	.50 " "		14	4	F	.52 " "
	14	1	M	.56 " "		14	1	M	.54 " "
						14	8	F	.54 " "
Average	14	9	.....	.46½ " "		14	1	F	.56 " "
July 1843	14	1	F	.38 " "	Average	14	30	.....	.50½ " "
	14	1	F	.42 " "					
	14	2	F	.47 " "	July 1847	14	1	M	.42 " "
	14	1	F	.52 " "		14	2	F	.46 " "
	14	1	M	.56 " "		14	1	M	.48 " "
						14	2	F	.48 " "
Average	14	6	.....	.47 " "		14	1	F	.50 " "
						14	1	M	.52 " "
Jan. 1844	14	1	M	.38 " "		14	3	F	.52 " "
	14	2	F	.42 " "		14	10	F	.54 " "
	14	2	F	.47 " "		14	2	F	.56 " "
	14	5	F	.48 " "		14	1	F	.58 " "
Average	14	10	.....	.45½ " "	Average	14	24	.....	.53 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

STRETCHERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1848	14	2	F	$0.46 per day.
	14	1	M	.48 " "
	14	1	M	.50 " "
	14	1	F	.50 " "
	14	1	F	.52 " "
	14	1	M	.54 " "
	14	9	F	.54 " "
	14	4	F	.56 " "
	14	1	F	.58 " "
	14	1	M	.60 " "
Average	14	22	.....	.53½ " "
July 1848	14	1	F	.46 " "
	14	1	M	.50 " "
	14	1	F	.50 " "
	14	3	M	.54 " "
	14	7	F	.54 " "
	14	2	F	.56 " "
	14	1	F	.58 " "
Average	14	16	.....	.53½ " "
Jan. 1849	14	2	F	.48 " "
	14	1	M	.50 " "
	14	1	M	.52 " "
	14	1	F	.52 " "
	14	1	M	.54 " "
	14	3	F	.54 " "
	14	1	M	.56 " "
	14	2	F	.56 " "
	14	3	F	.58 " "
	14	1	F	.60 " "
Average	14	16	.....	.54½ " "
July 1849	14	1	M	.50 " "
	14	1	F	.50 " "
	14	2	M	.54 " "
	14	3	F	.54 " "
	14	1	M	.56 " "
	14	1	F	.58 " "
	14	1	M	.60 " "
Average	14	10	.....	.54½ " "
Jan. 1850	14	2	F	.49 " "
	14	1	F	.52 " "
	14	3	M	.54 " "
	14	9	F	.54 " "
	14	2	F	.56 " "
	14	1	F	.58 " "
	14	3	M	.60 " "
Average	14	21	.....	.54½ " "
July 1850	14	2	F	.52 " "
	14	5	F	.54 " "
	14	2	F	.58 " "
	14	2	M	.70 " "
Average	14	11	.....	.57½ " "
Jan. 1851	14	1	M	.50 " "
	14	10	F	.50 " "
	14	1	F	.54 " "
	14	2	M	.70 " "
Average	14	14	.....	.53 " "
July 1851	14	1	F	.46 " "
	14	7	F	.50 " "
Average	14	8	F	.49½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1852	12	1	M	$0.50 per day.
	12	5	F	.50 " "
Average	12	6	.....	.50 " "
July 1852	12	3	F	.50 " "
	12	1	M	.55 " "
Average	12	4	.....	.51½ " "
Jan. 1853	12	2	M	.54 " "
	12	3	F	.54 " "
	12	1	M	.60 " "
Average	12	6	.....	.55 " "
July 1853	12	2	M	.54 " "
	12	3	F	.54 " "
	12	1	M	.60 " "
Average	12	6	.....	.55 " "
Jan. 1854	12	1	F	.50 " "
	12	2	M	.54 " "
	12	3	F	.54 " "
	12	1	F	.58 " "
	12	1	M	.60 " "
Average	12	8	.....	.54½ " "
July 1854	12	2	M	.54 " "
	12	4	F	.54 " "
	12	1	F	.60 " "
Average	12	7	.....	.55 " "
Jan. 1855	12	1	M	.54 " "
	12	3	F	.54 " "
	12	1	M	.60 " "
Average	12	5	.....	.55 " "
July 1855	12	1	F	.52 " "
	12	1	M	.54 " "
	12	8	F	.54 " "
	12	1	M	.60 " "
Average	12	11	.....	.54½ " "
Jan. 1856	12	1	F	.46 " "
	12	3	M	.54 " "
	12	5	F	.54 " "
	12	1	M	.60 " "
Average	12	10	.....	.54 " "
July 1856	12	1	F	.46 " "
	12	2	M	.54 " "
	12	2	F	.54 " "
	12	1	F	.56 " "
	12	1	F	.58 " "
Average	12	7	.....	.53½ " "
Jan. 1857	12	1	F	.46 " "
	12	2	M	.54 " "
	12	2	F	.54 " "
	12	1	F	.56 " "
	12	1	F	.58 " "
Average	12	7	.....	.53½ " "
July 1857	12	3	M	.54 " "
	12	3	F	.54 " "
Average	12	6	.....	.54 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETIS—Continued.

STRETCHERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1858	12	1	F	$0.52 per day.
	12	1	M	.54 " "
	12	2	F	.54 " "
	12	1	M	.56 " "
	12	1	M	.60 " "
Average	12	6	.....	.55 " "
July 1858	12	1	F	.52 " "
	12	1	M	.54 " "
	12	2	F	.54 " "
	12	1	M	.56 " "
	12	1	M	.60 " "
Average	12	6	.....	.55 " "
Jan. 1859	12	1	F	.52 " "
	12	2	M	.54 " "
	12	5	F	.54 " "
	12	1	M	.56 " "
	12	1	M	.60 " "
Average	12	10	.....	.54½ " "
July 1859	12	1	F	.52 " "
	12	2	M	.54 " "
	12	5	F	.54 " "
	12	1	M	.56 " "
	12	1	M	.60 " "
Average	12	10	.....	.54½ " "
Jan. 1860	12	1	F	.52 " "
	12	2	M	.54 " "
	12	2	F	.54 " "
	12	1	M	.56 " "
	12	1	M	.65 " "
Average	12	7	.....	.55½ " "
July 1860	12	1	F	.52 " "
	12	2	M	.54 " "
	12	2	F	.54 " "
	12	1	M	.56 " "
	12	1	M	.65 " "
Average	12	7	.....	.55½ " "
Jan. 1861	11	1	F	.54 " "
	11	2	F	.56 " "
	11	1	F	.60 " "
	11	1	F	.62 " "
	11	1	M	.65 " "
	11	1	F	.65 " "
Average	11	7	.....	.59½ " "
July 1861	11	2	F	.56 " "
	11	1	F	.58 " "
	11	1	F	.62 " "
	11	1	F	.64 " "
	11	1	M	.65 " "
	11	1	F	.68 " "
Average	11	7	.....	.61½ " "
Jan. 1862	11	1	F	.52 " "
	11	1	F	.54 " "
	11	1	F	.56 " "
	11	1	F	.60 " "
	11	1	F	.63 " "
	11	1	F	.64 " "
	11	1	M	.65 " "
	11	1	F	.65 " "
	11	1	F	.67 " "
	11	1	M	.68 " "
Average	11	10	.....	.61½ " "
July 1862	11	1	F	$0.54 per day.
	11	1	F	.65 " "
	11	1	F	.70 " "
Average	11	3	F	.63 " "
Jan. 1863	11	1	F	.54 " "
	11	3	F	.60 " "
	11	1	F	.63 " "
	11	1	F	.65 " "
	11	2	F	.72 " "
Average	11	8	F	.63½ " "
July 1863	11	3	F	.60 " "
	11	1	F	.63 " "
	11	2	F	.65 " "
Average	11	6	F	.62 " "
Jan. 1864	11	3	F	.60 " "
	11	3	F	.65 " "
Average	11	6	F	.62½ " "
July 1864	11	3	F	.60 " "
	11	1	F	.65 " "
	11	2	F	.70 " "
Average	11	6	F	.64 " "
Jan. 1865	11	1	F	.60 " "
	11	4	F	.65 " "
	11	1	F	.70 " "
Average	11	6	F	.65 " "
July 1865	11	1	F	.60 " "
	11	3	F	.65 " "
	11	2	F	.70 " "
Average	11	6	F	.66 " "
Jan. 1866	11	4	F	.70 " "
	11	2	F	.75 " "
Average	11	6	F	.71½ " "
July 1866	11	5	F	.75 " "
	11	1	F	.80 " "
Average	11	6	F	.76 " "
Jan. 1867	11	3	F	.75 " "
	11	3	F	.80 " "
Average	11	6	F	.77½ " "
July 1867	11	2	F	.75 " "
	11	3	F	.80 " "
	11	1	F	.85 " "
Average	11	6	F	.79 " "
Jan. 1868	11	4	F	.75 " "
	11	1	F	.80 " "
	11	2	F	.85 " "
	11	1	F	.95 " "
	11	1	F	1.00 " "
Average	11	9	F	.83 " "
July 1868	11	1	F	.75 " "
	11	4	F	.80 " "
	11	2	F	.85 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

STRETCHERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868–conc'd.	11	1	F	$0.95 per day.
	11	1	F	1.00 " "
Average	11	9	F	.84½ " "
Jan. 1869	11	4	F	.75 " "
	11	3	F	.80 " "
	11	2	F	1.00 " "
Average	11	9	F	.82 " "
July 1869	11	3	F	.75 " "
	11	3	F	.80 " "
	11	1	F	.85 " "
	11	1	F	.95 " "
	11	1	F	1.00 " "
Average	11	9	F	.83 " "
Jan. 1870	11	4	F	.80 " "
	11	3	F	.85 " "
	11	1	F	.95 " "
	11	1	F	1.08 " "
Average	11	9	F	.86½ " "
July 1870	11	4	F	.80 " "
	11	3	F	.85 " "
	11	1	F	.90 " "
	11	1	F	1.02 " "
Average	11	9	F	.85 " "
Jan. 1871	11	5	F	.85 " "
	11	2	F	.90 " "
	11	1	F	.95 " "
	11	1	F	1.02 " "
Average	11	9	F	.89 " "
July 1871	11	2	F	.85 " "
	11	5	F	.90 " "
	11	1	F	.95 " "
	11	1	F	1.02 " "
Average	11	9	F	.91 " "
Jan. 1872	11	5	F	.85 " "
	11	1	F	.90 " "
	11	2	F	.95 " "
	11	1	F	1.02 " "
Average	11	9	F	.89½ " "
July 1872	11	4	F	.85 " "
	11	4	F	.90 " "
	11	1	F	1.02 " "
Average	11	9	F	.89 " "
Jan. 1873	11	1	F	.75 " "
	11	5	F	.80 " "
Average	11	6	F	.79 " "
July 1873	11	5	F	.70 " "
	11	1	F	.75 " "
Average	11	6	F	.71 " "
Jan. 1874	11	1	F	.60 " "
	11	2	F	.65 " "
	11	3	F	.70 " "
Average	11	6	F	.66⅔ " "
July 1874	11	1	F	$0.60 per day.
	11	3	F	.65 " "
	11	2	F	.70 " "
Average	11	6	F	.66 " "
Jan. 1875	10	1	F	.55 " "
	10	1	F	.60 " "
	10	4	F	.65 " "
	10	1	F	.75 " "
Average	10	7	F	.64½ " "
July 1875	10	1	F	.55 " "
	10	4	F	.60 " "
	10	1	F	.65 " "
Average	10	6	F	.60 " "
Jan. 1876	10	2	F	.60 " "
	10	3	F	.65 " "
	10	1	F	.85 " "
Average	10	6	F	.66⅔ " "
July 1876	10	3	F	.60 " "
	10	1	F	.80 " "
Average	10	4	F	.65 " "
Jan. 1877	10	2	F	.60 " "
	10	1	F	.65 " "
Average	10	3	F	.61⅔ " "
July 1877	10	1	F	.50 " "
	10	1	F	.60 " "
Average	10	2	F	.55 " "
Jan. 1878	10	2	F	.55 " "
July 1878	10	1	F	.50 " "
	10	1	F	.60 " "
Average	10	2	F	.55 " "
Jan. 1879	10	2	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
	10	1	F	.75 " "
	10	3	M	.80 " "
	10	1	M	1.00 " "
Average	10	9	.....	.75 " "
July 1879	10	2	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
	10	1	F	.75 " "
	10	3	M	.80 " "
	10	1	M	1.00 " "
Average	10	9	.....	.75 " "
Jan. 1880	10	3	M	.60 " "
	10	1	M	.70 " "
	10	2	M	.75 " "
	10	1	F	.75 " "
	10	1	M	.80 " "
	10	1	M	.95 " "
Average	10	9	.....	.72 " "
July 1880	10	1	M	.60 " "
	10	2	M	.65 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

STRETCHERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880–conc'd.	10	1	M	$0.70 per day
	10	1	F	.70 " "
	10	2	M	.75 " "
	10	1	M	.80 " "
	10	1	M	.90 " "
Average	10	9	.....	.72 " "
Jan. 1881	10	4	M	.60 " "
	10	1	F	.60 " "
	10	3	M	.80 " "
	10	1	F	.90 " "
	10	1	M	1.00 " "
Average	10	10	.....	.73 " "
July 1881	10	4	M	.60 " "
	10	1	F	.60 " "
	10	3	M	.80 " "
	10	1	F	.90 " "
	10	1	M	1.00 " "
Average	10	10	.....	.73 " "
Jan. 1882	10	2	M	.55 " "
	10	1	F	.60 " "
	10	2	M	.65 " "
	10	3	M	.75 " "
	10	1	F	.80 " "
	10	1	M	.85 " "
Average	10	10	.....	.69 " "
July 1882	10	1	M	.55 " "
	10	1	F	.55 " "
	10	2	M	.60 " "
	10	3	M	.70 " "
	10	1	M	.75 " "
	10	1	M	.80 " "
	10	1	F	.80 " "
Average	10	10	.....	.67½ " "
Jan. 1883	10	1	F	.75 " "
	10	2	F	1.00 " "
Average	10	3	F	.91½ " "
July 1883	10	1	F	.75 " "
	10	2	F	1.00 " "
Average	10	3	F	.91½ " "
Jan. 1884	10	1	F	.80 " "
	10	1	F	.90 " "
Average	10	2	F	.85 " "
July 1884	10	1	F	.85 " "
	10	1	F	.90 " "
Average	10	2	F	.87½ " "
Jan. 1885	10	1	F	.55 " "
	10	1	F	.60 " "
	10	1	M	.65 " "
	10	4	F	.70 " "
	10	2	F	.85 " "
Average	10	9	.....	.70 " "
July 1885	10	1	F	.55 " "
	10	1	F	.60 " "
	10	1	M	.65 " "
	10	4	F	.70 " "
	10	2	F	.85 " "
Average	10	9	.....	.70 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886	10	1	F	$0.60 per day.
	10	1	F	.65 " "
	10	4	F	.70 " "
	10	2	F	.80 " "
Average	10	8	F	.70½ " "
July 1886	10	1	F	.60 " "
	10	1	F	.65 " "
	10	4	F	.70 " "
	10	2	F	.75 " "
Average	10	8	F	.69½ " "
Jan. 1887	10	1	F	.60 " "
	10	1	F	.65 " "
	10	5	F	.70 " "
	10	1	F	.75 " "
Average	10	8	F	.68½ " "
July 1887	10	1	F	.60 " "
	10	1	F	.65 " "
	10	3	F	.70 " "
	10	3	F	.75 " "
Average	10	8	F	.70 " "
Jan. 1888	10	1	F	.65 " "
	10	4	F	.70 " "
	10	5	F	.75 " "
	10	1	F	.80 " "
Average	10	11	F	.72½ " "
July 1888	10	4	F	.70 " "
	10	5	F	.75 " "
	10	1	F	.80 " "
	10	1	F	.85 " "
Average	10	11	F	.74½ " "
Jan. 1889	10	3	F	.70 " "
	10	5	F	.75 " "
	10	2	F	.80 " "
Average	10	10	F	.74½ " "
July 1889	10	2	F	.70 " "
	10	5	F	.75 " "
	10	3	F	.80 " "
Average	10	10	F	.75½ " "
Jan. 1890	10	5	F	.70 " "
	10	3	F	.75 " "
	10	1	F	.80 " "
Average	10	9	F	.73 " "
July 1890	10	1	F	.65 " "
	10	5	F	.70 " "
	10	2	F	.75 " "
	10	1	F	.80 " "
Average	10	9	F	.71½ " "
Jan. 1891	10	1	F	.85 " "
	10	4	F	1.00 " "
Average	10	5	F	.97 " "
July 1891	10	1	F	.85 " "
	10	4	F	1.00 " "
Average	10	5	F	.97 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40. MASSACHUSETTS—Continued.

SWEEPERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1847	14	1	F	$0.42 per day.
Jan. 1852	12	1	F	.33 " "
July 1852	12	1	F	.33 " "
Jan. 1853	12	1	F	.33 " "
July 1853	12	1	F	.33 " "
Jan. 1856	12	1	F	.38 " "
July 1856	12	1	F	.38 " "
Jan. 1857	12	1	F	.38 " "
July 1857	12	1	F	.38 " "
Jan. 1858	12	3	F	.38 " "
July 1858	12	2	F	.38 " "
Jan. 1859	12	2	F	.38 " "
July 1859	12	1	F	.38 " "
	12	1	F	.40 " "
Average	12	2	F	.39 " "
Jan. 1860	12	1	F	.38 " "
	12	1	F	.40 " "
Average	12	2	F	.39 " "
July 1860	12	1	F	.38 " "
	12	1	F	.40 " "
Average	12	2	F	.39 " "
Jan. 1861	11	1	F	.40 " "
July 1861	11	1	F	.40 " "
Jan. 1864	11	3	F	.50 " "
July 1864	11	1	F	.55 " "
	11	1	F	.60 " "
Average	11	2	F	.57½ " "
Jan. 1865	11	2	F	.60 " "
July 1865	11	3	F	.58 " "
	11	2	F	.65 " "
Average	11	5	F	.61 " "
Jan. 1866	11	1	F	.60 " "
	11	1	F	.65 " "
	11	4	F	.75 " "
Average	11	6	F	.71 " "
July 1866	11	1	F	.65 " "
	11	1	F	.70 " "
	11	5	F	.75 " "
Average	11	7	F	.73 " "
Jan. 1867	11	7	F	.75 " "
July 1867	11	1	F	.70 " "
	11	6	F	.75 " "
Average	11	7	F	.74½ " "
Jan. 1868	11	2	F	.75 " "
	11	2	F	.80 " "
	11	1	F	.88 " "
Average	11	5	F	.79½ " "
July 1868	11	3	F	.75 " "
	11	1	F	.80 " "
	11	1	F	.85 " "
	11	1	F	.88 " "
Average	11	6	F	.79½ " "
Jan. 1869	11	5	F	.75 " "
	11	2	F	.90 " "
Average	11	7	F	.79½ " "
July 1869	11	5	F	$0.75 per day.
	11	2	F	.95 " "
Average	11	7	F	.80½ " "
Jan. 1870	11	3	F	.75 " "
	11	1	F	.80 " "
	11	2	F	.90 " "
Average	11	6	F	.81 " "
July 1870	11	3	F	.75 " "
	11	1	F	.85 " "
	11	1	F	.90 " "
	11	1	F	.95 " "
Average	11	6	F	.82½ " "
Jan. 1871	11	3	F	.75 " "
	11	1	F	.90 " "
	11	2	F	1.00 " "
Average	11	6	F	.86 " "
July 1871	11	3	F	.75 " "
	11	3	F	1.00 " "
Average	11	6	F	.87½ " "
Jan. 1872	11	4	F	.75 " "
	11	2	F	.85 " "
	11	1	F	.95 " "
Average	11	7	F	.80½ " "
July 1872	11	4	F	.75 " "
	11	2	F	.80 " "
	11	1	F	.95 " "
Average	11	7	F	.79½ " "
Jan. 1873	11	1	F	.65 " "
	11	2	F	.75 " "
	11	1	F	.80 " "
	11	1	F	.90 " "
Average	11	5	F	.77 " "
July 1873	11	1	F	.65 " "
	11	2	F	.75 " "
	11	1	F	.85 " "
	11	1	F	.90 " "
Average	11	5	F	.78 " "
Jan. 1874	11	1	F	.60 " "
	11	1	F	.65 " "
	11	1	F	.75 " "
	11	1	F	.80 " "
	11	1	F	.85 " "
Average	11	5	F	.73 " "
July 1874	11	1	F	.60 " "
	11	1	F	.65 " "
	11	1	F	.70 " "
	11	1	F	.75 " "
	11	1	F	.90 " "
Average	11	5	F	.72 " "
Jan. 1875	10	1	F	.60 " "
	10	1	F	.65 " "
	10	1	F	.75 " "
	10	1	F	.80 " "
	10	1	F	.85 " "
Average	10	5	F	.73 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SWEEPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10	1	F	$0.60 per day.
	10	1	F	.65 " "
	10	1	F	.80 " "
	10	1	F	.85 " "
	10	1	F	.90 " "
Average	10	5	F	.76 " "
Jan. 1876	10	2	F	.60 " "
	10	1	F	.85 " "
	10	1	F	.90 " "
	10	1	F	.95 " "
Average	10	5	F	.78 " "
July 1876	10	5	F	.60 " "
	10	1	F	.78 " "
	10	2	F	.95 " "
Average	10	8	F	.71 " "
Jan. 1877	10	5	F	.60 " "
	10	1	F	.78 " "
	10	1	F	.80 " "
	10	1	F	1.00 " "
Average	10	8	F	.69½ " "
July 1877	10	6	F	.60 " "
	10	1	F	.75 " "
	10	1	F	.85 " "
	10	1	F	.90 " "
Average	10	9	F	.68 " "
Jan. 1878	10	5	F	.60 " "
	10	2	F	.80 " "
	10	1	F	.90 " "
Average	10	8	F	.68½ " "
July 1878	10	5	F	.60 " "
	10	1	F	.75 " "
	10	2	F	.85 " "
Average	10	8	F	.68 " "
Jan. 1879	10	5	F	.60 " "
July 1879	10	6	F	.60 " "
Jan. 1880	10	6	F	.60 " "
July 1880	10	5	F	.60 " "
Jan. 1881	10	2	F	.60 " "
	10	1	F	.65 " "
Average	10	3	F	.61½ " "
July 1881	10	2	F	$0.60 per day.
	10	1	F	.65 " "
Average	10	3	F	.61½ " "
Jan. 1882	10	2	F	.60 " "
	10	1	F	.65 " "
Average	10	3	F	.61½ " "
July 1882	10	2	F	.60 " "
	10	1	F	.65 " "
Average	10	3	F	.61½ " "
Jan. 1883	10	1	F	.65 " "
	10	3	F	.70 " "
Average	10	4	F	.68½ " "
July 1883	10	1	F	.65 " "
	10	3	F	.70 " "
Average	10	4	F	.68½ " "
Jan. 1884	10	4	F	.75 " "
July 1884	10	5	F	.75 " "
Jan. 1885	10	3	F	.75 " "
July 1885	10	3	F	.75 " "
Jan. 1886	10	3	F	.75 " "
July 1886	10	3	F	.75 " "
Jan. 1887	10	4	F	.75 " "
July 1887	10	4	F	.75 " "
Jan. 1888	10	4	F	.75 " "
July 1888	10	4	F	.75 " "
Jan. 1889	10	3	F	.75 " "
July 1889	10	3	F	.75 " "
Jan. 1890	10	2	F	.75 " "
July 1890	10	1	F	.65 " "
	10	2	F	.75 " "
Average	10	3	F	.71½ " "
Jan. 1891	10	1	F	.60 " "
	10	3	F	.65 " "
	10	3	F	.75 " "
Average	10	7	F	.68½ " "
July 1891	10	1	F	.60 " "
	10	3	F	.65 " "
	10	3	F	.75 " "
Average	10	7	F	.68½ " "

TEAMSTERS.

Jan. 1840	14	2	M	1.50 per day.
July 1841	14	1	M	1.50 " "
Jan. 1842	14	2	M	1.50 " "
July 1842	14	1	M	1.42 " "
	14	1	M	1.50 " "
Average	14	2	M	1.46 " "
Jan. 1843	14	1	M	1.50 " "
July 1843	14	1	M	1.50 " "
Jan. 1844	14	1	M	1.50 " "
July 1844	14	1	M	1.50 " "
Jan. 1845	14	1	M	1.33 per day.
	14	1	M	1.75 " "
Average	14	2	M	1.54 " "
July 1845	14	1	M	1.33 " "
	14	2	M	1.50 " "
Average	14	3	M	1.44½ " "
Jan. 1846	14	1	M	1.33 " "
	14	1	M	1.75 " "
Average	14	2	M	1.54 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

TEAMSTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1846	14	2	M	$1.00 per day.
	14	1	M	1.75 " "
Average	14	3	M	1.25 " "
Jan. 1847	14	1	M	1.50 " "
	14	1	M	1.75 " "
Average	14	2	M	1.62½ " "
July 1847	14	1	M	1.33 " "
	14	1	M	1.50 " "
Average	14	2	M	1.41½ " "
Jan. 1848	14	2	M	1.25 " "
	14	1	M	1.33 " "
	14	1	M	1.75 " "
Average	14	4	M	1.39½ " "
July 1848	14	2	M	1.25 " "
	14	1	M	1.33 " "
	14	1	M	1.50 " "
Average	14	4	M	1.33½ " "
Jan. 1849	14	2	M	1.25 " "
	14	1	M	1.33 " "
	14	1	M	1.83 " "
Average	14	4	M	1.41½ " "
July 1849	14	2	M	1.25 " "
	14	1	M	1.33 " "
	14	1	M	1.83 " "
Average	14	4	M	1.41½ " "
Jan. 1850	14	2	M	1.25 " "
	14	1	M	1.33 " "
	14	1	M	1.83 " "
Average	14	4	M	1.41½ " "
July 1850	14	1	M	1.25 " "
	14	1	M	1.33 " "
	14	2	M	1.42 " "
	14	1	M	1.50 " "
	14	1	M	1.83 " "
Average	14	6	M	1.46 " "
Jan. 1851	14	1	M	1.25 " "
	14	1	M	1.33 " "
	14	1	M	1.83 " "
Average	14	3	M	1.47 " "
July 1851	14	1	M	1.25 " "
	14	1	M	1.83 " "
Average	14	2	M	1.54 " "
Jan. 1852	12	1	M	1.25 " "
	12	1	M	1.83 " "
Average	12	2	M	1.54 " "
July 1852	12	1	M	1.25 " "
	12	1	M	1.83 " "
Average	12	2	M	1.54 " "
Jan. 1853	12	1	M	1.25 " "
	12	1	M	1.75 " "
Average	12	2	M	1.50 " "
July 1853	12	1	M	$1.25 per day.
	12	1	M	1.83 " "
Average	12	2	M	1.54 " "
Jan. 1854	12	1	M	1.25 " "
	12	1	M	1.83 " "
Average	12	2	M	1.54 " "
July 1854	12	1	M	1.25 " "
	12	1	M	1.83 " "
Average	12	2	M	1.54 " "
Jan. 1855	12	1	M	1.25 " "
	12	1	M	1.83 " "
Average	12	2	M	1.54 " "
July 1855	12	2	M	1.25 " "
Jan. 1856	12	2	M	1.25 " "
	12	1	M	1.50 " "
Average	12	3	M	1.33½ " "
July 1856	12	1	M	1.25 " "
	12	1	M	1.33 " "
Average	12	2	M	1.29 " "
Jan. 1857	12	2	M	1.50 " "
July 1857	12	2	M	1.50 " "
Jan. 1858	12	2	M	1.50 " "
July 1858	12	2	M	1.50 " "
Jan. 1859	12	1	M	1.50 " "
July 1859	12	1	M	1.50 " "
Jan. 1860	12	1	M	1.50 " "
July 1860	12	1	M	1.50 " "
Jan. 1861	11	1	M	1.25 " "
	11	1	M	1.50 " "
Average	11	2	M	1.37½ " "
July 1861	11	1	M	1.25 " "
	11	1	M	1.50 " "
Average	11	2	M	1.37½ " "
Jan. 1862	11	1	M	1.25 " "
	11	1	M	1.50 " "
Average	11	2	M	1.37½ " "
July 1862	11	1	M	1.25 " "
	11	1	M	1.50 " "
Average	11	2	M	1.37½ " "
Jan. 1863	11	2	M	1.25 " "
	11	1	M	1.50 " "
Average	11	3	M	1.33⅓ " "
July 1863	11	2	M	1.25 " "
Jan. 1864	11	1	M	1.25 " "
	11	2	M	1.50 " "
Average	11	3	M	1.41⅔ " "
July 1864	11	1	M	1.25 " "
	11	2	M	1.50 " "
Average	11	3	M	1.41⅔ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

TEAMSTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865	11	1	M	$1.25 per day.	Jan. 1879	10	1	M	$1.75 per day.
	11	1	M	1.35 " "		10	1	M	2.00 " "
	11	1	M	1.50 " "	Average	10	2	M	1.87½ " "
Average	11	3	M	1.36½ " "	July 1879	10	1	M	1.75 " "
July 1865	11	1	M	1.25 " "		10	1	M	2.00 " "
	11	1	M	1.35 " "	Average	10	2	M	1.87½ " "
	11	1	M	1.50 " "	Jan. 1880	10	1	M	1.75 " "
Average	11	3	M	1.36½ " "		10	1	M	2.00 " "
Jan. 1866	11	1	M	1.50 " "	Average	10	2	M	1.87½ " "
	11	1	M	2.00 " "	July 1880	10	1	M	1.75 " "
Average	11	2	M	1.75 " "		10	1	M	2.00 " "
July 1866	11	1	M	1.50 " "	Average	10	2	M	1.87½ " "
	11	1	M	2.00 " "	Jan. 1881	10	1	M	1.75 " "
Average	11	2	M	1.75 " "		10	1	M	2.00 " "
Jan. 1867	11	1	M	1.50 " "	Average	10	2	M	1.87½ " "
	11	1	M	2.00 " "	July 1881	10	1	M	1.75 " "
Average	11	2	M	1.75 " "		10	1	M	2.00 " "
July 1867	11	1	M	2.00 " "	Average	10	2	M	1.87½ " "
Jan. 1868	11	1	M	2.00 " "	Jan. 1882	10	1	M	2.00 " "
July 1868	11	1	M	2.00 " "	July 1882	10	1	M	2.00 " "
Jan. 1869	11	2	M	2.00 " "	Jan. 1885	10	1	M	1.50 " "
July 1869	11	2	M	2.00 " "	July 1885	10	1	M	1.50 " "
Jan. 1870	11	2	M	2.00 " "	Jan. 1886	10	1	M	1.50 " "
July 1870	11	2	M	2.00 " "	July 1886	10	1	M	1.50 " "
Jan. 1871	11	3	M	2.00 " "	Jan. 1887	10	1	M	1.50 " "
July 1871	11	3	M	2.00 " "	July 1887	10	1	M	1.50 " "
Jan. 1872	11	4	M	2.00 " "	Jan. 1888	10	1	M	1.30 " "
July 1872	11	4	M	2.00 " "		10	1	M	1.50 " "
Jan. 1873	11	3	M	2.00 " "	Average	10	2	M	1.40 " "
July 1873	11	3	M	2.00 " "	July 1888	10	1	M	1.30 " "
Jan. 1874	11	2	M	1.75 " "		10	1	M	1.50 " "
	11	1	M	2.00 " "	Average	10	2	M	1.40 " "
Average	11	3	M	1.83½ " "	Jan. 1889	10	4	M	1.30 " "
July 1874	11	1	M	1.75 " "		10	1	M	1.50 " "
	11	1	M	2.00 " "	Average	10	5	M	1.34 " "
Average	11	2	M	1.87½ " "	July 1889	10	6	M	1.30 " "
Jan. 1875	10	1	M	1.50 " "	Jan. 1890	10	6	M	1.30 " "
	10	1	M	2.00 " "	July 1890	10	6	M	1.30 " "
Average	10	2	M	1.75 " "	Jan. 1891	10	6	M	1.30 " "
July 1875	10	1	M	1.50 " "	July 1891	10	6	M	1.30 " "
Jan. 1877	10	1	M	1.75 " "					
July 1877	10	1	M	1.75 " "					
Jan. 1878	10	1	M	1.75 " "					
July 1878	10	1	M	1.75 " "					

THIRD HANDS.

Jan. 1840	14	1	M	1.04 per day.	July 1843	14	1	M	.75 per day.
July 1841	14	1	M	1.04 " "		14	1	M	1.08 " "
Jan. 1842	14	1	M	1.08 " "	Average	14	2	M	.91½ " "
July 1842	14	1	M	1.08 " "	Jan. 1844	14	1	M	.75 " "
Jan. 1843	14	1	M	.75 " "		14	1	M	1.08 " "
	14	1	M	1.08 " "	**Average**	**14**	**2**	**M**	**.91½** " "
Average	**14**	**2**	**M**	**.91½** " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

THIRD HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1844	14	1	M	$0.75 per day.
	14	1	M	1.08 " "
Average	14	2	M	.91½ " "
Jan. 1845	14	2	M	.75 " "
	14	1	M	1.08 " "
Average	14	3	M	.86 " "
July 1845	14	1	M	.75 " "
	14	1	M	1.08 " "
Average	14	2	M	.91½ " "
Jan. 1846	14	1	M	.75 " "
	14	1	M	1.08 " "
Average	14	2	M	.91½ " "
July 1847	14	2	M	.75 " "
Jan. 1848	14	4	M	.75 " "
	14	1	M	1.00 " "
Average	14	5	M	.80 " "
July 1848	14	2	M	.75 " "
	14	2	M	1.00 " "
	14	1	M	1.25 " "
Average	14	5	M	.95 " "
Jan. 1849	14	1	M	.75 " "
	14	2	M	1.00 " "
	14	1	M	1.25 " "
Average	14	4	M	1.00 " "
July 1849	14	1	M	.75 " "
	14	1	M	.88 " "
	14	3	M	1.00 " "
Average	14	5	M	.92½ " "
Jan. 1850	14	1	M	.75 " "
	14	5	M	1.00 " "
Average	14	6	M	.96 " "
July 1850	14	4	M	1.00 " "
Jan. 1851	14	4	M	1.00 " "
July 1851	14	4	M	1.00 " "
Jan. 1852	12	1	M	.75 " "
	12	3	M	1.00 " "
Average	12	4	M	.93¾ " "
July 1852	12	1	M	.75 " "
	12	3	M	1.00 " "
Average	12	4	M	.93½ " "
Jan. 1853	12	3	M	1.00 " "
July 1853	12	2	M	1.00 " "
Jan. 1854	12	1	M	1.17 " "
July 1854	12	2	M	1.00 " "
	12	1	M	1.17 " "
Average	12	3	M	1.05½ " "
Jan. 1855	12	1	M	1.00 " "
July 1855	12	2	M	$1.00 per day.
	12	2	M	1.17 " "
Average	12	4	M	1.08½ " "
Jan. 1856	12	1	M	1.00 " "
	12	1	M	1.08 " "
	12	1	M	1.17 " "
	12	1	M	1.25 " "
Average	12	4	M	1.12½ " "
July 1856	12	1	M	.83 " "
	12	1	M	1.00 " "
	12	1	M	1.17 " "
	12	1	M	1.25 " "
Average	12	4	M	1.06½ " "
Jan. 1857	12	2	M	1.17 " "
	12	1	M	1.25 " "
	12	1	M	1.33 " "
Average	12	4	M	1.23 " "
July 1857	12	1	M	1.00 " "
	12	2	M	1.25 " "
	12	1	M	1.33 " "
Average	12	4	M	1.20½ " "
Jan. 1858	12	1	M	1.00 " "
	12	1	M	1.17 " "
	12	2	M	1.25 " "
	12	1	M	1.33 " "
Average	12	5	M	1.20 " "
July 1858	12	1	M	1.00 " "
	12	5	M	1.25 " "
	12	1	M	1.33 " "
Average	12	7	M	1.22½ " "
Jan. 1859	12	3	M	1.25 " "
	12	1	M	1.33 " "
Average	12	4	M	1.27 " "
July 1859	12	4	M	1.25 " "
	12	1	M	1.33 " "
Average	12	5	M	1.26½ " "
Jan. 1860	12	4	M	1.25 " "
	12	1	M	1.33 " "
Average	12	5	M	1.26½ " "
July 1860	12	4	M	1.25 " "
	12	1	M	1.33 " "
Average	12	5	M	1.26½ " "
Jan. 1861	11	4	M	1.25 " "
	11	1	M	1.33 " "
Average	11	5	M	1.26½ " "
July 1861	11	4	M	1.25 " "
	11	1	M	1.33 " "
Average	11	5	M	1.26½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

THIRD HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1862	11	3	M	$1.25 per day.
	11	1	M	1.33 " "
Average	11	4	M	1.27 " "
July 1862	11	1	M	1.17 " "
	11	1	M	1.25 " "
Average	11	2	M	1.21 " "
Jan. 1863	11	1	M	.75 " "
	11	1	M	1.33 " "
Average	11	2	M	1.04 " "
July 1863	11	1	M	.75 " "
	11	1	M	1.33 " "
Average	11	2	M	1.04 " "
Jan. 1864	11	1	M	1.25 " "
	11	1	M	1.58 " "
Average	11	2	M	1.41½ " "
July 1864	11	1	M	1.67 " "
Jan. 1865	11	1	M	1.42 " "
	11	1	M	1.67 " "
Average	11	2	M	1.54½ " "
July 1865	11	1	M	1.50 " "
	11	1	M	1.67 " "
Average	11	2	M	1.58½ " "
Jan. 1866	11	2	M	1.58 " "
	11	1	M	1.67 " "
	11	2	M	1.75 " "
Average	11	5	M	1.66½ " "
July 1866	11	1	M	1.58 " "
	11	1	M	1.67 " "
Average	11	2	M	1.62½ " "
Jan. 1867	11	1	M	1.71 " "
	11	1	M	1.75 " "
Average	11	2	M	1.73 " "
July 1867	11	1	M	1.71 " "
	11	1	M	1.75 " "
Average	11	2	M	1.73 " "
Jan. 1868	11	1	M	1.58 " "
	11	1	M	1.67 " "
	11	1	M	1.75 " "
	11	1	M	1.83 " "
Average	11	4	M	1.70½ " "
July 1868	11	1	M	1.58 " "
	11	1	M	1.67 " "
	11	1	M	1.83 " "
Average	11	3	M	1.69½ " "
Jan. 1869	11	1	M	1.67 " "
July 1869	11	1	M	1.67 " "
Jan. 1870	11	1	M	1.50 " "
Jan. 1870–conc'd.	11	1	M	$1.67 per day.
	11	2	M	1.83 " "
Average	11	4	M	1.70½ " "
July 1870	11	1	M	1.50 " "
	11	1	M	1.67 " "
	11	2	M	1.83 " "
Average	11	4	M	1.70½ " "
Jan. 1871	11	2	M	1.67 " "
	11	2	M	1.83 " "
Average	11	4	M	1.75 " "
July 1871	11	2	M	1.67 " "
	11	2	M	1.83 " "
Average	11	4	M	1.75 " "
Jan. 1872	11	1	M	1.67 " "
July 1872	11	1	M	1.67 " "
Jan. 1873	11	1	M	1.67 " "
July 1873	11	1	M	1.67 " "
Jan. 1874	11	1	M	1.67 " "
July 1874	11	1	M	1.67 " "
Jan. 1875	10	1	M	1.67 " "
July 1875	10	1	M	1.67 " "
Jan. 1876	10	1	M	1.67 " "
July 1876	10	1	M	1.67 " "
Jan. 1877	10	1	M	1.83 " "
July 1877	10	1	M	1.83 " "
Jan. 1878	10	1	M	1.83 " "
July 1878	10	1	M	1.83 " "
Jan. 1879	10	1	M	1.33 " "
	10	1	M	1.50 " "
	10	4	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.80 " "
Average	10	8	M	1.58½ " "
July 1879	10	1	M	1.33 " "
	10	1	M	1.50 " "
	10	4	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.80 " "
Average	10	8	M	1.58½ " "
Jan. 1880	10	1	M	1.33 " "
	10	1	M	1.50 " "
	10	4	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.80 " "
Average	10	8	M	1.58½ " "
July 1880	10	1	M	1.33 " "
	10	1	M	1.50 " "
	10	4	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.80 " "
Average	10	8	M	1.58½ " "
Jan. 1881	10	1	M	1.33 " "
	10	1	M	1.50 " "
	10	6	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.80 " "
Average	10	10	M	1.59 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

THIRD HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1881	10	1	M	$1.33 per day.	Jan. 1887	10	9	M	$1.55 per day.
	10	1	M	1.50 " "		10	1	M	1.75 " "
	10	6	M	1.60 " "	Average	10	10	M	1.57 " "
	10	1	M	1.65 " "	July 1887	10	9	M	1.55 " "
	10	1	M	1.80 " "		10	1	M	1.75 " "
Average	10	10	M	1.59 " "	Average	10	10	M	1.57 " "
Jan. 1882	10	1	M	1.33 " "	Jan. 1888	10	8	M	1.55 " "
	10	12	M	1.60 " "		10	1	M	1.75 " "
	10	1	M	1.67 " "	Average	10	9	M	1.57 " "
	10	1	M	1.80 " "	July 1888	10	8	M	1.55 " "
Average	10	15	M	1.60 " "		10	1	M	1.75 " "
July 1882	10	1	M	1.33 " "	Average	10	9	M	1.57 " "
	10	12	M	1.60 " "	Jan. 1889	10	7	M	1.52 " "
	10	1	M	1.72 " "		10	1	M	1.55 " "
	10	1	M	1.80 " "		10	1	M	1.75 " "
Average	10	15	M	1.60½ " "	Average	10	9	M	1.55 " "
Jan. 1883	10	1	M	1.40 " "	July 1889	10	7	M	1.52 " "
	10	10	M	1.60 " "		10	1	M	1.55 " "
	10	1	M	1.75 " "		10	1	M	1.75 " "
Average	10	12	M	1.59½ " "	Average	10	9	M	1.55 " "
July 1883	10	1	M	1.40 " "	Jan. 1890	10	1	M	1.50 " "
	10	10	M	1.60 " "		10	1	M	1.52 " "
	10	1	M	1.75 " "		10	1	M	1.67 " "
Average	10	12	M	1.59½ " "		10	2	M	1.75 " "
Jan. 1884	10	10	M	1.60 " "		10	1	M	2.25 " "
	10	1	M	1.75 " "	Average	10	6	M	1.74 " "
Average	10	11	M	1.61½ " "	July 1890	10	1	M	1.50 " "
July 1884	10	10	M	1.60 " "		10	1	M	1.52 " "
	10	1	M	1.75 " "		10	1	M	1.67 " "
Average	10	11	M	1.61½ " "		10	2	M	1.75 " "
Jan. 1885	10	8	M	1.55 " "		10	1	M	2.25 " "
	10	1	M	1.60 " "	Average	10	6	M	1.74 " "
	10	1	M	1.75 " "	Jan. 1891	10	1	M	1.67 " "
Average	10	10	M	1.57½ " "		10	2	M	1.75 " "
July 1885	10	8	M	1.55 " "		10	1	M	2.00 " "
	10	1	M	1.60 " "		10	1	M	2.25 " "
	10	1	M	1.75 " "	Average	10	5	M	1.88½ " "
Average	10	10	M	1.57½ " "	July 1891	10	1	M	1.67 " "
Jan. 1886	10	9	M	1.55 " "		10	2	M	1.75 " "
	10	1	M	1.75 " "		10	1	M	2.00 " "
Average	10	10	M	1.57 " "		10	1	M	2.25 " "
July 1886	10	9	M	1.55 " "	Average	10	5	M	1.88½ " "
	10	1	M	1.75 " "					
Average	10	10	M	1.57 " "					

WARPERS.

Jan. 1844	14	1	F	.42 per day.	Jan. 1846	14	1	F	.38 per day.
July 1844	14	1	F	.46 " "					
					July 1846	14	3	F	.38 " "
Jan. 1845	14	1	F	.38 " "		14	1	F	.45 " "
	14	1	F	.42 " "		14	1	F	.75 " "
Average	14	2	F	.40 " "	Average	14	5	F	.47 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WARPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1847	14	1	F	$0.75 per day.
Jan. 1857	12	1	M	.52 " "
July 1857	12	1	F	.40 " "
	12	1	M	.52 " "
	12	1	F	.54 " "
	12	1	F	.55 " "
	12	1	F	.60 " "
	12	1	M	.62 " "
	12	1	F	.67 " "
	12	1	F	.75 " "
	12	1	F	.85 " "
Average	12	9	.....	.61 " "
Jan. 1858	12	1	F	.44 " "
	12	1	F	.54 " "
	12	1	F	.55 " "
	12	1	M	.56 " "
	12	1	F	.60 " "
	12	1	M	.67 " "
	12	1	F	.70 " "
	12	1	F	.75 " "
	12	1	F	.85 " "
Average	12	9	.....	.63 " "
July 1858	12	1	F	.46 " "
	12	1	F	.55 " "
	12	1	F	.58 " "
	12	1	M	.60 " "
	12	1	F	.63 " "
	12	1	M	.67 " "
	12	1	F	.70 " "
	12	1	F	.80 " "
Average	12	8	.....	.62½ " "
Jan. 1859	12	1	F	.46 " "
	12	1	F	.55 " "
	12	1	F	.58 " "
	12	1	M	.60 " "
	12	1	F	.63 " "
	12	1	M	.70 " "
	12	1	F	.72 " "
	12	1	F	.80 " "
Average	12	8	.....	.63 " "
July 1859	12	1	F	.33 " "
	12	1	F	.41 " "
	12	1	F	.50 " "
	12	1	M	.60 " "
	12	1	F	.60 " "
	12	1	F	.80 " "
Average	12	6	.....	.54 " "
Jan. 1860	12	1	F	.36 " "
	12	2	F	.50 " "
	12	1	F	.60 " "
	12	1	F	.65 " "
	12	1	F	.72 " "
	12	1	F	.80 " "
Average	12	7	F	.59 " "
July 1860	12	1	F	.36 " "
	12	1	F	.50 " "
	12	3	F	.55 " "
	12	1	F	.62 " "
	12	1	F	.65 " "
	12	1	F	.75 " "
	12	1	F	.80 " "
Average	12	9	F	.59 " "
Jan. 1861	11	1	F	$0.40 per day.
	11	1	F	.41 " "
	11	1	F	.46 " "
	11	1	F	.50 " "
	11	1	F	.55 " "
	11	2	F	.60 " "
	11	1	F	.62 " "
	11	1	F	.67 " "
	11	1	F	.80 " "
	11	1	F	.83 " "
Average	11	11	F	.58⅓ " "
July 1861	11	1	F	.46 " "
	11	3	F	.50 " "
	11	1	F	.51 " "
	11	1	F	.56 " "
	11	2	F	.60 " "
	11	1	F	.67 " "
	11	1	F	.70 " "
	11	1	F	.80 " "
	11	1	F	.83 " "
Average	11	12	F	.60½ " "
Jan. 1862	11	1	F	.45 " "
	11	1	F	.53 " "
	11	1	F	.56 " "
	11	2	F	.60 " "
	11	1	F	.80 " "
Average	11	6	F	.59 " "
July 1862	11	1	F	.45 " "
	11	1	F	.53 " "
	11	1	F	.60 " "
	11	1	F	.63 " "
	11	1	F	.83 " "
Average	11	5	F	.61 " "
Jan. 1863	11	1	F	.60 " "
July 1863	11	1	F	.60 " "
Jan. 1864	11	1	F	.65 " "
	11	1	F	.88 " "
	11	1	F	.90 " "
Average	11	3	F	.81 " "
July 1864	11	1	F	.78 " "
	11	1	F	.90 " "
	11	1	F	.95 " "
Average	11	3	F	.87½ " "
Jan. 1865	11	1	F	.67 " "
	11	1	F	.83 " "
Average	11	2	F	.75 " "
July 1865	11	2	F	.67 " "
	11	1	F	.90 " "
Average	11	3	F	.74⅓ " "
Jan. 1866	11	1	F	.83 " "
	11	1	F	.90 " "
	11	3	F	.92 " "
	11	1	M	1.00 " "
	11	1	F	1.25 " "
Average	11	7	.....	.96½ " "
July 1866	11	2	M	1.00 " "
	11	1	F	1.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WARPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866–conc'd.	11	1	F	$1.25 per day.
	11	1	F	1.33 " "
Average	11	5	.....	1.11½ " "
Jan. 1867	11	1	M	1.00 " "
	11	1	F	1.00 " "
	11	1	F	1.09 " "
	11	1	F	1.10 " "
	11	2	F	1.25 " "
Average	11	6	.....	1.11½ " "
July 1867	11	1	F	1.00 " "
	11	1	M	1.12 " "
	11	1	F	1.17 " "
	11	2	F	1.25 " "
Average	11	5	.....	1.16 " "
Jan. 1868	11	1	F	.90 " "
	11	1	F	1.00 " "
	11	1	F	1.10 " "
	11	1	M	1.12 " "
Average	11	4	.....	1.03 " "
July 1868	11	2	F	1.00 " "
	11	1	F	1.07 " "
	11	1	M	1.10 " "
Average	11	4	.....	1.04½ " "
Jan. 1869	11	1	F	.79 " "
	11	3	F	1.00 " "
	11	1	M	1.12 " "
	11	1	F	1.18 " "
Average	11	6	.....	1.01½ " "
July 1869	11	1	F	.84 " "
	11	2	F	1.00 " "
	11	1	F	1.08 " "
	11	1	M	1.12 " "
	11	1	F	1.20 " "
Average	11	6	.....	1.04 " "
Jan. 1870	11	1	F	.80 " "
	11	1	F	.86 " "
	11	1	F	.96 " "
	11	3	F	1.00 " "
	11	1	F	1.16 " "
	11	1	F	1.20 " "
Average	11	8	F	.99½ " "
July 1870	11	1	F	.84 " "
	11	1	F	.98 " "
	11	2	F	1.00 " "
	11	1	F	1.20 " "
Average	11	5	F	1.00½ " "
Jan. 1871	11	2	F	1.00 " "
	11	2	F	1.20 " "
Average	11	4	F	1.10 " "
July 1871	11	1	F	1.00 " "
	11	1	F	1.10 " "
	11	1	F	1.12 " "
	11	1	F	1.20 " "
Average	11	4	F	1.10½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	11	1	F	$1.00 per day.
	11	1	F	1.16 " "
	11	2	F	1.20 " "
Average	11	4	F	1.14 " "
July 1872	11	1	F	1.00 " "
	11	2	F	1.20 " "
	11	1	F	1.23 " "
Average	11	4	F	1.15½ " "
Jan. 1873	11	1	F	.98 " "
	11	1	F	1.00 " "
	11	1	F	1.06 " "
Average	11	3	F	1.01½ " "
July 1873	11	1	F	1.00 " "
	11	1	F	1.12 " "
	11	1	F	1.16 " "
Average	11	3	F	1.09½ " "
Jan. 1874	11	1	F	1.00 " "
	11	1	F	1.10 " "
	11	1	F	1.12 " "
Average	11	3	F	1.07½ " "
July 1874	11	1	F	1.00 " "
	11	1	F	1.10 " "
	11	1	F	1.18 " "
Average	11	3	F	1.09½ " "
Jan. 1875	10	1	F	1.25 " "
	10	2	F	1.40 " "
Average	10	3	F	1.35 " "
July 1875	10	1	F	1.25 " "
	10	2	F	1.50 " "
Average	10	3	F	1.41½ " "
Jan. 1876	10	2	F	1.00 " "
	10	1	F	1.25 " "
Average	10	3	F	1.08½ " "
July 1876	10	1	F	.98 " "
	10	1	F	1.00 " "
	10	1	F	1.25 " "
Average	10	3	F	1.07½ " "
Jan. 1877	10	1	F	.98 " "
	10	2	F	1.00 " "
Average	10	3	F	.99½ " "
July 1877	10	3	F	1.00 " "
Jan. 1878	10	2	F	1.00 " "
	10	1	F	1.10 " "
Average	10	3	F	1.03½ " "
July 1878	10	2	F	1.00 " "
	10	1	F	1.10 " "
Average	10	3	F	1.03½ " "
Jan. 1879	10	1	F	.60 " "
	10	2	F	.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WARPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1879–cond'd.	10	1	F	$0.90 per day.
	10	1	F	.98 " "
	10	1	F	1.12 " "
Average	10	6	F	.85 " "
July 1879	10	1	F	.67 " "
	10	1	F	.75 " "
	10	1	F	.86 " "
	10	1	F	.90 " "
	10	1	F	1.00 " "
	10	1	F	1.12 " "
Average	10	6	F	.88½ " "
Jan. 1880	10	1	F	.70 " "
	10	1	F	.85 " "
	10	1	F	.90 " "
	10	1	F	1.12 " "
	10	1	F	1.20 " "
Average	10	5	F	.95½ " "
July 1880	10	1	F	.75 " "
	10	1	F	.85 " "
	10	1	F	.95 " "
	10	1	F	1.12 " "
	10	1	F	1.23 " "
Average	10	5	F	.98 " "
Jan. 1881	10	1	F	.35 " "
	10	2	F	.80 " "
	10	1	F	.90 " "
	10	2	F	1.00 " "
	10	1	F	1.12 " "
	10	1	F	1.15 " "
	10	1	F	1.20 " "
Average	10	9	F	.92½ " "
July 1881	10	1	F	.35 " "
	10	1	F	.70 " "
	10	2	F	.80 " "
	10	1	M	.90 " "
	10	1	F	.90 " "
	10	1	F	1.00 " "
	10	1	F	1.12 " "
	10	1	F	1.15 " "
	10	1	F	1.20 " "
Average	10	10	.....	.89 " "
Jan. 1882	10	1	F	.65 " "
	10	1	F	.70 " "
	10	3	F	.80 " "
	10	1	M	.90 " "
	10	1	F	.90 " "
	10	1	F	1.10 " "
	10	1	F	1.12 " "
	10	1	F	1.20 " "
Average	10	10	.....	.89½ " "
July 1882	10	1	F	.65 " "
	10	3	F	.80 " "
	10	2	F	.90 " "
	10	1	M	1.00 " "
	10	1	F	1.10 " "
	10	1	F	1.20 " "
Average	10	9	.....	.90½ " "
Jan. 1883	10	1	F	.80 " "
	10	1	F	.86 " "
Jan. 1883–cone'd.	10	1	F	$0.90 per day.
	10	4	F	1.00 " "
	10	1	F	1.20 " "
Average	10	8	F	.97 " "
July 1883	10	1	F	.80 " "
	10	1	F	.86 " "
	10	1	F	.90 " "
	10	4	F	1.00 " "
	10	2	F	1.20 " "
	10	1	F	1.25 " "
Average	10	10	F	1.02 " "
Jan. 1884	10	1	F	.90 " "
	10	5	F	1.00 " "
	10	1	F	1.20 " "
	10	2	F	1.25 " "
Average	10	9	F	1.06½ " "
July 1884	10	5	F	1.00 " "
	10	1	F	1.20 " "
	10	2	F	1.25 " "
Average	10	8	F	1.08½ " "
Jan. 1885	10	5	F	1.00 " "
	10	1	F	1.20 " "
	10	2	F	1.25 " "
Average	10	8	F	1.08½ " "
July 1885	10	1	F	.40 " "
	10	5	F	1.00 " "
	10	1	F	1.12 " "
	10	2	F	1.25 " "
Average	10	9	F	1.00 " "
Jan. 1886	10	1	F	.60 " "
	10	3	F	1.00 " "
	10	1	F	1.12 " "
	10	2	F	1.25 " "
Average	10	7	F	1.03 " "
July 1886	10	1	F	.60 " "
	10	3	F	1.00 " "
	10	1	F	1.12 " "
	10	2	F	1.25 " "
Average	10	7	F	1.03 " "
Jan. 1887	10	1	F	1.00 " "
	10	1	F	1.10 " "
	10	1	F	1.25 " "
Average	10	3	F	1.11⅓ " "
July 1887	10	1	F	1.00 " "
	10	1	F	1.20 " "
	10	1	F	1.25 " "
Average	10	3	F	1.15 " "
Jan. 1888	10	1	F	1.00 " "
	10	1	F	1.20 " "
	10	1	F	1.25 " "
Average	10	3	F	1.15 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WARPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1888	10	1	F	$1.00 per day.	July 1890	10	3	M	$1.00 per day.
	10	1	F	1.20 " "		10	1	F	1.00 " "
	10	1	F	1.25 " "		10	2	M	1.25 " "
Average	10	3	F	1.15 " "	Average	10	6	.....	1.08½ " "
Jan. 1889	10	1	F	1.00 " "					
	10	1	F	1.20 " "	Jan. 1891	10	2	M	1.00 " "
						10	2	F	1.00 " "
Average	10	2	F	1.10 " "		10	1	M	1.20 " "
						10	2	M	1.25 " "
July 1889	10	1	M	1.00 " "					
	10	1	F	1.00 " "	Average	10	7	.....	1.10 " "
	10	1	M	1.25 " "					
					July 1891	10	2	M	1.00 " "
Average	10	3	.....	1.08½ " "		10	3	F	1.00 " "
						10	2	M	1.25 " "
Jan. 1890	10	2	M	1.00 " "		10	1	M	1.28 " "
	10	1	F	1.00 " "					
	10	2	M	1.25 " "	Average	10	8	.....	1.09½ " "
Average	10	5	.....	1.10 " "					

WASTE PICKERS.

Jan. 1864	11	5	F	.33 per day.	Jan. 1870	11	7	F	.50 per day.
July 1864	11	5	F	.33 " "		11	1	F	.83 " "
Jan. 1865	11	5	F	.33 " "					
					Average	11	8	F	.54 " "
July 1865	11	5	F	.40 " "					
	11	2	F	.58 " "	July 1870	11	7	F	.50 " "
						11	1	F	.83 " "
Average	11	7	F	.45 " "					
					Average	11	8	F	.54 " "
Jan. 1866	11	5	F	.50 " "					
	11	2	F	.75 " "	Jan. 1871	11	6	F	.50 " "
Average	11	7	F	.57 " "	July 1871	11	6	F	.50 " "
					Jan. 1872	11	6	F	.50 " "
July 1866	11	5	F	.50 " "	July 1872	11	6	F	.50 " "
	11	2	F	.75 " "	Jan. 1873	11	3	F	.40 " "
					July 1873	11	3	F	.40 " "
Average	11	7	F	.57 " "	Jan. 1874	11	3	F	.40 " "
					July 1874	11	3	F	.40 " "
Jan. 1867	11	9	F	.50 " "	Jan. 1875	10	3	F	.40 " "
	11	1	F	.83 " "	July 1875	10	3	F	.40 " "
					Jan. 1876	10	4	F	.40 " "
Average	11	10	F	.53½ " "	July 1876	10	4	F	.40 " "
					Jan. 1877	10	5	F	.40 " "
July 1867	11	11	F	.50 " "	July 1877	10	5	F	.40 " "
	11	1	F	.83 " "	Jan. 1878	10	6	F	.40 " "
					July 1878	10	6	F	.40 " "
Average	11	12	F	.52½ " "	Jan. 1879	10	6	F	.40 " "
					July 1879	10	8	F	.40 " "
Jan. 1868	11	8	F	.50 " "	Jan. 1880	10	8	F	.40 " "
	11	1	F	.83 " "	July 1880	10	6	F	.40 " "
					Jan. 1881	10	6	F	.40 " "
Average	11	9	F	.53½ " "	July 1881	10	6	F	.40 " "
July 1868	11	8	F	.50 " "	Jan. 1882	10	4	F	.40 " "
	11	1	F	.83 " "		10	3	F	.45 " "
Average	11	9	F	.53½ " "	Average	10	7	F	.42 " "
Jan. 1869	11	6	F	.50 " "	July 1882	10	4	F	.40 " "
	11	1	F	.83 " "		10	4	F	.45 " "
Average	11	7	F	.54½ " "	Average	10	8	F	.42½ " "
July 1869	11	6	F	.50 " "	Jan. 1883	10	5	F	.45 " "
	11	1	F	.83 " "		10	2	F	.50 " "
Average	11	7	F	.54½ " "	Average	10	7	F	.46½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WASTE PICKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	4	F	$0.45 per day.	Jan. 1887	10	4	F	$0.50 per day.
	10	3	F	.50 " "	July 1887	10	5	F	.50 " "
					Jan. 1888	10	4	F	.50 " "
Average	10	7	F	.47 " "	July 1888	10	2	F	.50 " "
					Jan. 1889	10	1	F	.50 " "
Jan. 1884	10	6	F	.50 " "	July 1889	10	1	F	.50 " "
July 1884	10	7	F	.50 " "	Jan. 1890	10	4	F	.50 " "
Jan. 1885	10	5	F	.50 " "	July 1890	10	4	F	.50 " "
July 1885	10	5	F	.50 " "	Jan. 1891	10	4	F	.50 " "
Jan. 1886	10	5	F	.50 " "	July 1891	10	4	F	.50 " "
July 1886	10	5	F	.50 " "					

WATCHMEN.

Jan. 1840	14	4	M	1.10 per day.	July 1847	14	4	M	1.06 per day.
Jan. 1842	14	5	M	1.10 " "	Jan. 1848	14	4	M	1.06 " "
July 1842	14	5	M	1.10 " "	July 1848	14	4	M	1.06 " "
					Jan. 1849	14	4	M	1.06 " "
Jan. 1843	14	1	M	.80 " "	July 1849	14	4	M	1.06 " "
	14	4	M	1.06 " "	Jan. 1850	14	4	M	1.06 " "
	14	1	M	1.12 " "	July 1850	14	4	M	1.06 " "
					Jan. 1851	14	5	M	1.06 " "
Average	14	6	M	1.02½ " "	July 1851	14	5	M	1.06 " "
					Jan. 1852	12	5	M	1.06 " "
July 1843	14	1	M	.80 " "					
	14	4	M	1.06 " "	July 1852	12	1	M	1.00 " "
	14	1	M	1.12 " "		12	8	M	1.06 " "
Average	14	6	M	1.02½ " "	Average	12	9	M	1.05½ " "
Jan. 1844	14	1	M	.80 " "	Jan. 1853	12	1	M	1.00 " "
	14	4	M	1.06 " "		12	8	M	1.06 " "
	14	1	M	1.12 " "					
					Average	12	9	M	1.05½ " "
Average	14	6	M	1.02½ " "					
					July 1853	12	1	M	1.00 " "
July 1844	14	2	M	.80 " "		12	8	M	1.06 " "
	14	1	M	.87 " "					
	14	4	M	1.06 " "	Average	12	9	M	1.05½ " "
	14	1	M	1.12 " "					
	14	1	M	1.79 " "	Jan. 1854	12	1	M	1.00 " "
						12	8	M	1.06 " "
Average	14	9	M	1.07 " "					
					Average	12	9	M	1.05½ " "
Jan. 1845	14	4	M	1.06 " "					
					July 1854	12	1	M	1.00 " "
July 1845	14	1	M	.75 " "		12	8	M	1.06 " "
	14	3	M	.83 " "					
	14	2	M	.84 " "	Average	12	9	M	1.05½ " "
	14	1	M	.88 " "					
	14	1	M	1.00 " "	Jan. 1855	12	1	M	1.00 " "
	14	5	M	1.06 " "		12	8	M	1.06 " "
	14	1	M	1.25 " "					
					Average	12	9	M	1.05½ " "
Average	14	14	M	.95½ " "					
					July 1855	12	4	M	1.06 " "
Jan. 1846	14	1	M	.75 " "	Jan. 1856	12	6	M	1.06 " "
	14	1	M	.84 " "					
	14	1	M	.88 " "	July 1856	12	3	M	1.06 " "
	14	4	M	1.06 " "		12	1	M	1.12 " "
	14	1	M	1.17 " "					
					Average	12	4	M	1.07½ " "
Average	14	8	M	.98½ " "					
					Jan. 1857	12	4	M	1.06 " "
July 1846	14	1	M	.84 " "	July 1857	12	4	M	1.06 " "
	14	4	M	1.06 " "	Jan. 1858	12	4	M	1.06 " "
					July 1858	12	6	M	1.06 " "
Average	14	5	M	1.01½ " "	Jan. 1859	12	5	M	1.06 " "
					July 1859	12	3	M	1.06 " "
Jan. 1847	14	1	M	.84 " "	Jan. 1860	12	2	M	1.06 " "
	14	3	M	1.06 " "	July 1860	12	2	M	1.06 " "
					Jan. 1861	11	4	M	1.00 " "
Average	14	4	M	1.00½ " "	July 1861	11	4	M	1.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WATCHMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1863	11	8	M	$1.00 per day.	July 1876	10	8	M	$1.50 per day.
July 1863	11	8	M	1.00 " "	Jan. 1877	10	8	M	1.50 " "
Jan. 1864	11	4	M	1.42 " "					
July 1864	11	4	M	1.67 " "	July 1877	10	7	M	1.50 " "
Jan. 1865	11	4	M	1.67 " "		10	1	M	1.75 " "
July 1865	11	5	M	1.67 " "					
Jan. 1866	11	5	M	1.75 " "	Average	10	8	M	1.53 " "
July 1866	11	3	M	1.75 " "					
Jan. 1867	11	4	M	1.75 " "	Jan. 1878	10	8	M	1.50 " "
July 1867	11	5	M	1.75 " "	July 1878	10	8	M	1.50 " "
Jan. 1868	11	3	M	1.75 " "	Jan. 1879	10	3	M	1.50 " "
July 1868	11	3	M	1.75 " "	July 1879	10	3	M	1.50 " "
Jan. 1869	11	5	M	1.75 " "	Jan. 1880	10	3	M	1.50 " "
July 1869	11	5	M	1.75 " "	July 1880	10	3	M	1.50 " "
Jan. 1870	11	4	M	1.75 " "	Jan. 1881	10	5	M	1.50 " "
July 1870	11	4	M	1.75 " "	July 1881	10	5	M	1.50 " "
					Jan. 1882	10	5	M	1.50 " "
Jan. 1871	11	1	M	1.67 " "	July 1882	10	5	M	1.50 " "
	11	4	M	1.75 " "	Jan. 1883	10	6	M	1.50 " "
					July 1883	10	6	M	1.50 " "
Average	11	5	M	1.73½ " "	Jan. 1884	10	4	M	1.50 " "
					July 1884	10	4	M	1.50 " "
July 1871	11	1	M	1.67 " "	Jan. 1885	10	4	M	1.50 " "
	11	4	M	1.75 " "	July 1885	10	4	M	1.50 " "
					Jan. 1886	10	4	M	1.50 " "
Average	11	5	M	1.73½ " "	July 1886	10	4	M	1.50 " "
					Jan. 1887	10	5	M	1.50 " "
Jan. 1872	11	8	M	1.75 " "	July 1887	10	5	M	1.50 " "
July 1872	11	1	M	1.50 " "	Jan. 1888	10	2	M	1.50 " "
	11	7	M	1.75 " "		10	2	M	1.60 " "
Average	11	8	M	1.72 " "	Average	10	4	M	1.55 " "
Jan. 1873	11	1	M	1.50 " "	July 1888	10	2	M	1.50 " "
	11	7	M	1.75 " "		10	2	M	1.60 " "
Average	11	8	M	1.72 " "	Average	10	4	M	1.55 " "
July 1873	11	2	M	1.50 " "	Jan. 1889	10	2	M	1.50 " "
	11	6	M	1.75 " "		10	2	M	1.60 " "
Average	11	8	M	1.68½ " "	Average	10	4	M	1.55 " "
Jan. 1874	11	5	M	1.50 " "	July 1889	10	2	M	1.50 " "
	11	3	M	1.75 " "		10	2	M	1.60 " "
Average	11	8	M	1.59½ " "	Average	10	4	M	1.55 " "
July 1874	11	3	M	1.50 " "	Jan. 1890	10	2	M	1.50 " "
	11	5	M	1.75 " "		10	2	M	1.60 " "
Average	11	8	M	1.65½ " "	Average	10	4	M	1.55 " "
Jan. 1875	10	4	M	1.50 " "	July 1890	10	2	M	1.50 " "
	10	4	M	1.75 " "		10	2	M	1.60 " "
Average	10	8	M	1.62½ " "	Average	10	4	M	1.55 " "
July 1875	10	7	M	1.50 " "	Jan. 1891	10	2	M	1.50 " "
	10	1	M	1.75 " "		10	2	M	1.60 " "
Average	10	8	M	1.53 " "	Average	10	4	M	1.55 " "
Jan. 1876	10	6	M	1.50 " "	July 1891	10	2	M	1.50 " "
	10	2	M	1.75 " "		10	2	M	1.60 " "
Average	10	8	M	1.56½ " "	Average	10	4	M	1.55 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WEAVERS.

[The wages given below are prices per cut paid for weaving sheetings 46 inches wide, 48 yards per cut.]

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1846	14	15	F	$0.32 per cut.	Jan. 1869	11	59	F	$0.42 per cut.
July 1846	14	10	F	.32 " "	July 1869	11	62	F	.43 " "
Jan. 1847	14	12	F	.32 " "	Jan. 1870	11	47	F	.43 " "
July 1847	14	16	F	.32 " "	July 1870	11	45	F	.43 " "
Jan. 1848	14	15	F	.32 " "	Jan. 1871	11	47	F	.43 " "
July 1848	14	12	F	.32 " "	July 1871	11	50	F	.43 " "
Jan. 1849	14	14	F	.32 " "	Jan. 1872	11	55	F	.43 " "
July 1849	14	14	F	.32 " "	July 1872	11	60	F	.43 " "
Jan. 1850	14	10	F	.32 " "	Jan. 1873	11	38	F	.47 " "
July 1850	14	12	F	.32 " "	July 1873	11	39	F	.47 " "
Jan. 1851	14	14	F	.32 " "	Jan. 1874	11	37	F	.47 " "
July 1851	14	15	F	.32 " "	July 1874	11	43	F	.47 " "
Jan. 1852	12	16	F	.32 " "	Jan. 1875	10	50	F	.48 " "
July 1852	12	14	F	.32 " "	July 1875	10	52	F	.48 " "
Jan. 1853	12	15	F	.32 " "	Jan. 1876	10	50	F	.48 " "
July 1853	12	20	F	.32 " "	July 1876	10	55	F	.50 " "
Jan. 1854	12	16	F	.32 " "	Jan. 1877	10	52	F	.50 " "
July 1854	12	15	F	.32 " "	July 1877	10	54	F	.50 " "
Jan. 1855	12	10	F	.32 " "	Jan. 1878	10	55	F	.54 " "
July 1855	12	12	F	.32 " "	July 1878	10	56	F	.54 " "
Jan. 1856	12	13	F	.32 " "	Jan. 1879	10	60	F	.54 " "
July 1856	12	10	F	.32 " "	July 1879	10	62	F	.60 " "
Jan. 1857	12	16	F	.32 " "	Jan. 1880	10	63	F	.60 " "
July 1857	12	15	F	.32 " "	July 1880	10	64	F	.60 " "
Jan. 1858	12	10	F	.32 " "	Jan. 1881	10	65	F	.60 " "
July 1858	12	15	F	.32 " "	July 1881	10	66	F	.60 " "
Jan. 1859	12	13	F	.32 " "	Jan. 1882	10	67	F	.60 " "
July 1859	12	15	F	.32 " "	July 1882	10	60	F	.60 " "
Jan. 1860	12	12	F	.32 " "	Jan. 1883	10	65	F	.60 " "
July 1860	12	14	F	.32 " "	July 1883	10	60	F	.60 " "
Jan. 1861	11	14	F	.34 " "	Jan. 1884	10	63	F	.60 " "
July 1861	11	15	F	.34 " "	July 1884	10	65	F	.58 " "
Jan. 1862	11	10	F	.34 " "	Jan. 1885	10	70	F	.58 " "
July 1862	11	10	F	.34 " "	July 1885	10	60	F	.58 " "
Jan. 1863	11	3	F	.35 " "	Jan. 1886	10	60	F	.55 " "
July 1863	11	9	F	.37 " "	July 1886	10	60	F	.53 " "
Jan. 1864	11	8	F	.37 " "	Jan. 1887	10	60	F	.52 " "
July 1864	11	6	F	.37 " "	July 1887	10	62	F	.47 " "
Jan. 1865	11	16	F	.40 " "	Jan. 1888	10	62	F	.45 " "
July 1865	11	10	F	.40 " "	July 1888	10	62	F	.45 " "
Jan. 1866	11	45	F	.40 " "	Jan. 1889	10	64	F	.49 " "
July 1866	11	52	F	.40 " "	July 1889	10	60	F	.49 " "
Jan. 1867	11	55	F	.40 " "	Jan. 1890	10	63	F	.49 " "
July 1867	11	54	F	.42 " "	July 1890	10	62	F	.49 " "
Jan. 1868	11	53	F	.42 " "	Jan. 1891	10	64	F	.49 " "
July 1868	11	54	F	.42 " "	July 1891	10	65	F	.49 " "

[The wages given below are prices per cut paid for weaving sheetings 42 inches wide, 44 yards per cut.]

Jan. 1875	10	25	F	.48 per cut.	July 1883	10	17	F	.33 per cut.
July 1875	10	25	F	.48 " "	Jan. 1884	10	18	F	.33 " "
Jan. 1876	10	20	F	.48 " "	July 1884	10	18	F	.33 " "
July 1876	10	18	F	.42 " "	Jan. 1885	10	19	F	.33 " "
Jan. 1877	10	18	F	.42 " "	July 1885	10	17	F	.33 " "
July 1877	10	18	F	.38 " "	Jan. 1886	10	17	F	.33 " "
Jan. 1878	10	19	F	.36 " "	July 1886	10	17	F	.33 " "
July 1878	10	19	F	.33 " "	Jan. 1887	10	18	F	.33 " "
Jan. 1879	10	15	F	.33 " "	July 1887	10	18	F	.33 " "
July 1879	10	10	F	.33 " "	Jan. 1888	10	15	F	.33 " "
Jan. 1880	10	10	F	.33 " "	July 1888	10	16	F	.33 " "
July 1880	10	12	F	.33 " "	Jan. 1889	10	16	F	.33 " "
Jan. 1881	10	12	F	.33 " "	July 1889	10	17	F	.33 " "
July 1881	10	14	F	.33 " "	Jan. 1890	10	17	F	.33 " "
Jan. 1882	10	13	F	.33 " "	July 1890	10	18	F	.33 " "
July 1882	10	15	F	.33 " "	Jan. 1891	10	18	F	.33 " "
Jan. 1883	10	16	F	.33 " "	July 1891	10	18	F	.33 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WEAVERS—Continued.

[The wages given below are prices per cut paid for weaving sheetings 83 inches wide, 40 yards per cut.]

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1864	11	9	F	$0.62 per cut.	Jan. 1882	10	23	F	$0.80 per cut.
July 1864	11	8	F	.65 " "	July 1882	10	24	F	.80 " "
Jan. 1865	11	10	F	.71 " "	Jan. 1883	10	25	F	.80 " "
July 1865	11	10	F	.75 " "	July 1883	10	26	F	.80 " "
Jan. 1866	11	27	F	.80 " "	Jan. 1884	10	27	F	.78 " "
July 1866	11	23	F	.80 " "	July 1884	10	28	F	.78 " "
Jan. 1867	11	22	F	.80 " "	Jan. 1885	10	29	F	.78 " "
July 1867	11	29	F	.80 " "	July 1885	10	30	F	.78 " "
July 1868	11	21	F	.71 " "	Jan. 1886	10	32	F	.78 " "
Jan. 1869	11	25	F	.71 " "	July 1886	10	31	F	.78 " "
July 1869	11	21	F	.80 " "	Jan. 1887	10	33	F	.78 " "
July 1877	10	15	F	.72 " "	July 1887	10	34	F	.78 " "
Jan. 1878	10	16	F	.72 " "	Jan. 1888	10	35	F	.78 " "
July 1878	10	12	F	.68 " "	July 1888	10	36	F	.78 " "
Jan. 1879	10	17	F	.80 " "	Jan. 1889	10	33	F	.78 " "
July 1879	10	16	F	.80 " "	July 1889	10	32	F	.78 " "
Jan. 1880	10	15	F	.80 " "	Jan. 1890	10	34	F	.78 " "
July 1880	10	20	F	.80 " "	July 1890	10	36	F	.78 " "
Jan. 1881	10	21	F	.80 " "	Jan. 1891	10	37	F	.78 " "
July 1881	10	22	F	.80 " "	July 1891	10	38	F	.78 " "

[The wages given below are prices per cut paid for weaving sheetings 42 inches wide, 40 yards per cut.]

July 1877	10	10	F	.58 per cut.	Jan. 1885	10	26	F	.53 per cut.
Jan. 1878	10	15	F	.58 " "	July 1885	10	24	F	.53 " "
July 1878	10	12	F	.53 " "	Jan. 1886	10	22	F	.53 " "
Jan. 1879	10	20	F	.53 " "	July 1886	10	25	F	.53 " "
July 1879	10	21	F	.53 " "	Jan. 1887	10	26	F	.53 " "
Jan. 1880	10	22	F	.65 " "	July 1887	10	27	F	.53 " "
July 1880	10	23	F	.65 " "	Jan. 1888	10	22	F	.50 " "
Jan. 1881	10	24	F	.65 " "	July 1888	10	20	F	.50 " "
July 1881	10	25	F	.65 " "	Jan. 1889	10	23	F	.50 " "
Jan. 1882	10	26	F	.65 " "	July 1889	10	21	F	.50 " "
July 1882	10	20	F	.65 " "	Jan. 1890	10	24	F	.50 " "
Jan. 1883	10	22	F	.65 " "	July 1890	10	20	F	.50 " "
July 1883	10	20	F	.65 " "	Jan. 1891	10	25	F	.50 " "
Jan. 1884	10	24	F	.53 " "	July 1891	10	25	F	.50 " "
July 1884	10	25	F	.53 " "					

[The wages given below are prices per cut paid for weaving sheetings 36 inches wide, 50 yards per cut.]

Jan. 1875	10	20	F	.48 per cut.	July 1883	10	26	F	.32 per cut.
July 1875	10	22	F	.48 " "	Jan. 1884	10	27	F	.32 " "
Jan. 1876	10	23	F	.48 " "	July 1884	10	28	F	.32 " "
July 1876	10	24	F	.42 " "	Jan. 1885	10	20	F	.32 " "
Jan. 1877	10	25	F	.42 " "	July 1885	10	18	F	.32 " "
July 1877	10	26	F	.38 " "	Jan. 1886	10	17	F	.32 " "
Jan. 1878	10	27	F	.35 " "	July 1886	10	16	F	.32 " "
July 1878	10	28	F	.35 " "	Jan. 1887	10	17	F	.32 " "
Jan. 1879	10	22	F	.32 " "	July 1887	10	18	F	.32 " "
July 1879	10	21	F	.32 " "	Jan. 1888	10	19	F	.32 " "
Jan. 1880	10	21	F	.32 " "	July 1888	10	20	F	.32 " "
July 1880	10	23	F	.32 " "	Jan. 1889	10	22	F	.32 " "
Jan. 1881	10	20	F	.32 " "	July 1889	10	23	F	.32 " "
July 1881	10	22	F	.32 " "	Jan. 1890	10	24	F	.32 " "
Jan. 1882	10	20	F	.32 " "	July 1890	10	25	F	.32 " "
July 1882	10	21	F	.32 " "	Jan. 1891	10	20	F	.32 " "
Jan. 1883	10	24	F	.32 " "	July 1891	10	22	F	.32 " "

[The wages given below are prices per cut paid for weaving cotton satinets 29½ inches wide, 50 yards per cut.]

July 1877	10	10	F	.28 per cut.	Jan. 1879	10	31	F	.25 per cut.
Jan. 1878	10	25	F	.28 " "	July 1879	10	32	F	.25 " "
July 1878	10	30	F	.25 " "	Jan. 1880	10	33	F	.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WEAVERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880	10	34	F	$0.25 per cut.	July 1886	10	46	F	$0.30 per cut.
Jan. 1881	10	35	F	.25 " "	Jan. 1887	10	47	F	.30 " "
July 1881	10	36	F	.25 " "	July 1887	10	41	F	.30 " "
Jan. 1882	10	37	F	.25 " "	Jan. 1888	10	42	F	.30 " "
July 1882	10	38	F	.25 " "	July 1888	10	40	F	.30 " "
Jan. 1883	10	39	F	.25 " "	Jan. 1889	10	40	F	.30 " "
July 1883	10	40	F	.25 " "	July 1889	10	37	F	.30 " "
Jan. 1884	10	41	F	.30 " "	Jan. 1890	10	38	F	.30 " "
July 1884	10	42	F	.30 " "	July 1890	10	39	F	.30 " "
Jan. 1885	10	43	F	.30 " "	Jan. 1891	10	36	F	.30 " "
July 1885	10	44	F	.30 " "	July 1891	10	35	F	.30 " "
Jan. 1886	10	45	F	.30 " "					

[The wages given below are prices per cut paid for weaving corset linings 30 inches wide, 50 yards per cut.]

July 1877	10	10	F	.55 per cut.	Jan. 1885	10	30	F	.55 per cut.
Jan. 1878	10	15	F	.55 " "	July 1885	10	32	F	.49 " "
July 1878	10	20	F	.60 " "	Jan. 1886	10	30	F	.49 " "
Jan. 1879	10	21	F	.60 " "	July 1886	10	32	F	.49 " "
July 1879	10	22	F	.60 " "	Jan. 1887	10	33	F	.49 " "
Jan. 1880	10	23	F	.60 " "	July 1887	10	34	F	.49 " "
July 1880	10	24	F	.60 " "	Jan. 1888	10	35	F	.49 " "
Jan. 1881	10	23	F	.60 " "	July 1888	10	36	F	.49 " "
July 1881	10	24	F	.60 " "	Jan. 1889	10	37	F	.49 " "
Jan. 1882	10	25	F	.60 " "	July 1889	10	38	F	.49 " "
July 1882	10	24	F	.60 " "	Jan. 1890	10	39	F	.49 " "
Jan. 1883	10	26	F	.60 " "	July 1890	10	40	F	.49 " "
July 1883	10	27	F	.60 " "	Jan. 1891	10	40	F	.49 " "
Jan. 1884	10	28	F	.55 " "	July 1891	10	40	F	.49 " "
July 1884	10	29	F	.55 " "					

[The wages given below are prices per cut paid for weaving sheetings 81 inches wide, 40 yards per cut.]

Jan. 1864	11	10	F	.62 per cut.	Jan. 1878	10	22	F	.80 per cut.
July 1864	11	16	F	.65 " "	July 1878	10	22	F	.80 " "
Jan. 1865	11	12	F	.70 " "	Jan. 1879	10	30	F	.80 " "
July 1865	11	14	F	.75 " "	July 1879	10	31	F	.80 " "
Jan. 1866	11	12	F	.80 " "	Jan. 1880	10	30	F	.95 " "
July 1866	11	8	F	.80 " "	July 1880	10	32	F	.95 " "
Jan. 1867	11	4	F	.80 " "	Jan. 1881	10	30	F	.95 " "
July 1867	11	9	F	.80 " "	July 1881	10	31	F	.95 " "
Jan. 1868	11	15	F	.71 " "	Jan. 1882	10	31	F	.95 " "
July 1868	11	13	F	.71 " "	July 1882	10	32	F	.95 " "
Jan. 1869	11	26	F	.71 " "	Jan. 1883	10	32	F	.95 " "
July 1869	11	21	F	.80 " "	July 1883	10	32	F	.95 " "
Jan. 1870	11	2	F	.80 " "	Jan. 1884	10	31	F	.95 " "
July 1870	11	12	F	.80 " "	July 1884	10	31	F	.95 " "
Jan. 1871	11	13	F	.82 " "	Jan. 1885	10	32	F	.95 " "
July 1871	11	10	F	.82 " "	July 1885	10	32	F	.95 " "
Jan. 1872	11	9	F	.83 " "	Jan. 1886	10	32	F	.95 " "
July 1872	11	8	F	.83 " "	July 1886	10	33	F	.95 " "
Jan. 1873	11	7	F	.83 " "	Jan. 1887	10	31	F	.95 " "
July 1873	11	10	F	.83 " "	July 1887	10	32	F	.95 " "
Jan. 1874	11	12	F	.84 " "	Jan. 1888	10	31	F	.90 " "
July 1874	11	12	F	.84 " "	July 1888	10	30	F	.90 " "
Jan. 1875	10	14	F	.84 " "	Jan. 1889	10	30	F	.90 " "
July 1875	10	10	F	.84 " "	July 1889	10	30	F	.90 " "
Jan. 1876	10	20	F	.84 " "	Jan. 1890	10	25	F	.90 " "
July 1876	10	23	F	.85 " "	July 1890	10	27	F	.86 " "
Jan. 1877	10	20	F	.85 " "	Jan. 1891	10	28	F	.86 " "
July 1877	10	21	F	.85 " "	July 1891	10	29	F	.86 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WEAVERS—Continued.

[The wages given below are prices per cut paid for weaving sheetings 81 inches wide, 40 yards per cut.]

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1864	11	6	F	$0.45 per cut.	July 1878	10	20	F	$0.55 per cut.
July 1865	11	7	F	.59 " "	Jan. 1879	10	25	F	.55 " "
Jan. 1866	11	8	F	.59 " "	July 1879	10	23	F	.65 " "
July 1866	11	6	F	.59 " "	Jan. 1880	10	22	F	.65 " "
Jan. 1867	11	5	F	.59 " "	July 1880	10	26	F	.65 " "
July 1867	11	4	F	.59 " "	Jan. 1881	10	22	F	.65 " "
Jan. 1868	11	4	F	.52 " "	July 1881	10	20	F	.65 " "
July 1868	11	17	F	.54 " "	Jan. 1882	10	23	F	.65 " "
Jan. 1869	11	2	F	.52 " "	July 1882	10	23	F	.65 " "
July 1869	11	7	F	.58 " "	Jan. 1883	10	20	F	.65 " "
Jan. 1870	11	20	F	.58 " "	July 1883	10	22	F	.65 " "
July 1870	11	17	F	.58 " "	Jan. 1884	10	28	F	.71 " "
Jan. 1871	11	18	F	.58 " "	July 1884	10	25	F	.71 " "
July 1871	11	19	F	.58 " "	Jan. 1885	10	28	F	.71 " "
Jan. 1872	11	20	F	.58 " "	July 1885	10	26	F	.71 " "
July 1872	11	26	F	.58 " "	Jan. 1886	10	27	F	.71 " "
Jan. 1873	11	27	F	.58 " "	July 1886	10	26	F	.71 " "
July 1873	11	28	F	.58 " "	Jan. 1887	10	23	F	.71 " "
Jan. 1874	11	24	F	.58 " "	July 1887	10	20	F	.71 " "
July 1874	11	25	F	.58 " "	Jan. 1888	10	25	F	.72 " "
Jan. 1875	10	26	F	.58 " "	July 1888	10	30	F	.72 " "
July 1875	10	27	F	.58 " "	Jan. 1889	10	26	F	.72 " "
Jan. 1876	10	28	F	.58 " "	July 1889	10	29	F	.72 " "
July 1876	10	30	F	.58 " "	Jan. 1890	10	24	F	.72 " "
Jan. 1877	10	22	F	.58 " "	July 1890	10	27	F	.72 " "
July 1877	10	10	F	.58 " "	Jan. 1891	10	20	F	.72 " "
Jan. 1878	10	15	F	.58 " "	July 1891	10	30	F	.72 " "

[The wages given below are prices per cut paid for weaving sheetings 81 inches wide, 40 yards per cut.]

July 1877	10	50	F	.72 per cut.	Jan. 1885	10	57	F	.77 per cut.
Jan. 1878	10	50	F	.72 " "	July 1885	10	58	F	.77 " "
July 1878	10	50	F	.68 " "	Jan. 1886	10	59	F	.77 " "
Jan. 1879	10	52	F	.68 " "	July 1886	10	59	F	.77 " "
July 1879	10	51	F	.80 " "	Jan. 1887	10	50	F	.77 " "
Jan. 1880	10	50	F	.80 " "	July 1887	10	52	F	.77 " "
July 1880	10	50	F	.80 " "	Jan. 1888	10	52	F	.77 " "
Jan. 1881	10	50	F	.80 " "	July 1888	10	53	F	.77 " "
July 1881	10	50	F	.80 " "	Jan. 1889	10	54	F	.77 " "
Jan. 1882	10	42	F	.80 " "	July 1889	10	54	F	.77 " "
July 1882	10	52	F	.80 " "	Jan. 1890	10	55	F	.77 " "
Jan. 1883	10	53	F	.80 " "	July 1890	10	56	F	.77 " "
July 1883	10	54	F	.80 " "	Jan. 1891	10	57	F	.77 " "
Jan. 1884	10	54	F	.77 " "	July 1891	10	54	F	.77 " "
July 1884	10	56	F	.77 " "					

[The wages given below are prices per cut paid for weaving sheetings 72 inches wide, 40 yards per cut.]

Jan. 1859	12	7	F	.42 per cut.	Jan. 1869	11	8	F	.45 per cut.
July 1859	12	9	F	.42 " "	July 1869	11	7	F	.50 " "
Jan. 1860	12	8	F	.42 " "	Jan. 1870	11	25	F	.46 " "
July 1860	12	7	F	.42 " "	July 1870	11	28	F	.46 " "
Jan. 1861	11	6	F	.42 " "	Jan. 1871	11	30	F	.46 " "
July 1861	11	9	F	.42 " "	July 1871	11	32	F	.48 " "
Jan. 1862	11	5	F	.43 " "	Jan. 1872	11	27	F	.48 " "
July 1862	11	6	F	.43 " "	July 1872	11	29	F	.49 " "
Jan. 1863	11	8	F	.45 " "	Jan. 1873	11	30	F	.52 " "
July 1863	11	9	F	.45 " "	July 1873	11	31	F	.52 " "
Jan. 1864	11	10	F	.45 " "	Jan. 1874	11	32	F	.52 " "
July 1864	11	8	F	.45 " "	July 1874	11	33	F	.54 " "
Jan. 1865	11	10	F	.45 " "	Jan. 1875	10	34	F	.55 " "
July 1865	11	8	F	.50 " "	July 1875	10	38	F	.55 " "
Jan. 1866	11	9	F	.50 " "	Jan. 1876	10	35	F	.55 " "
July 1866	11	6	F	.50 " "	July 1876	10	34	F	.56 " "
Jan. 1867	11	4	F	.50 " "	Jan. 1877	10	33	F	.56 " "
July 1867	11	11	F	.50 " "	July 1877	10	27	F	.58 " "
Jan. 1868	11	9	F	.45 " "	Jan. 1878	10	29	F	.58 " "
July 1868	11	7	F	.45 " "	July 1878	10	30	F	.55 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Concluded.

WEAVERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1879	10	35	F	$0.55 per cut.	July 1885	10	35	F	$0.62 per cut.
July 1879	10	38	F	.65 " "	Jan. 1886	10	34	F	.62 " "
Jan. 1880	10	34	F	.65 " "	July 1886	10	33	F	.62 " "
July 1880	10	32	F	.65 " "	Jan. 1887	10	34	F	.62 " "
Jan. 1881	10	38	F	.65 " "	July 1887	10	36	F	.62 " "
July 1881	10	40	F	.65 " "	Jan. 1888	10	39	F	.62 " "
Jan. 1882	10	41	F	.65 " "	July 1888	10	42	F	.59 " "
July 1882	10	42	F	.65 " "	Jan. 1889	10	40	F	.59 " "
Jan. 1883	10	45	F	.65 " "	July 1889	10	41	F	.59 " "
July 1883	10	48	F	.65 " "	Jan. 1890	10	38	F	.59 " "
Jan. 1884	10	39	F	.62 " "	July 1890	10	39	F	.59 " "
July 1884	10	41	F	.62 " "	Jan. 1891	10	40	F	.59 " "
Jan. 1885	10	40	F	.62 " "	July 1891	10	42	F	.59 " "

[The wages given below are prices per cut paid for weaving sheetings 72 inches wide, 40 yards per cut.]

July 1877	10	21	F	.70 per cut.	Jan. 1885	10	17	F	.75 per cut.
Jan. 1878	10	20	F	.70 " "	July 1885	10	18	F	.75 " "
July 1878	10	20	F	.65 " "	Jan. 1886	10	18	F	.72 " "
Jan. 1879	10	18	F	.65 " "	July 1886	10	18	F	.70 " "
July 1879	10	18	F	.75 " "	Jan. 1887	10	18	F	.70 " "
Jan. 1880	10	16	F	.75 " "	July 1887	10	18	F	.70 " "
July 1880	10	14	F	.75 " "	Jan. 1888	10	17	F	.67 " "
Jan. 1881	10	15	F	.75 " "	July 1888	10	18	F	.67 " "
July 1881	10	14	F	.75 " "	Jan. 1889	10	17	F	.67 " "
Jan. 1882	10	12	F	.75 " "	July 1889	10	18	F	.67 " "
July 1882	10	13	F	.75 " "	Jan. 1890	10	19	F	.67 " "
Jan. 1883	10	12	F	.75 " "	July 1890	10	20	F	.67 " "
July 1883	10	15	F	.75 " "	Jan. 1891	10	21	F	.67 " "
Jan. 1884	10	15	F	.75 " "	July 1891	10	21	F	.67 " "
July 1884	10	16	F	.75 " "					

[The wages given below are prices per cut paid for weaving fancy cottons 36 inches wide, 50 yards per cut.]

Jan. 1875	10	10	F	.30 per cut.	July 1883	10	15	F	.26 per cut.
July 1875	10	15	F	.30 " "	Jan. 1884	10	16	F	.26 " "
Jan. 1876	10	10	F	.30 " "	July 1884	10	17	F	.26 " "
July 1876	10	16	F	.30 " "	Jan. 1885	10	18	F	.26 " "
Jan. 1877	10	14	F	.30 " "	July 1885	10	17	F	.26 " "
July 1877	10	12	F	.28 " "	Jan. 1886	10	14	F	.26 " "
Jan. 1878	10	12	F	.28 " "	July 1886	10	15	F	.28 " "
July 1878	10	16	F	.26 " "	Jan. 1887	10	16	F	.28 " "
Jan. 1879	10	14	F	.26 " "	July 1887	10	17	F	.28 " "
July 1879	10	14	F	.26 " "	Jan. 1888	10	15	F	.28 " "
Jan. 1880	10	13	F	.26 " "	July 1888	10	14	F	.28 " "
July 1880	10	14	F	.26 " "	Jan. 1889	10	14	F	.28 " "
Jan. 1881	10	15	F	.26 " "	July 1889	10	17	F	.28 " "
July 1881	10	15	F	.26 " "	Jan. 1890	10	18	F	.27 " "
Jan. 1882	10	16	F	.26 " "	July 1890	10	19	F	.27 " "
July 1882	10	11	F	.26 " "	Jan. 1891	10	16	F	.27 " "
Jan. 1883	10	12	F	.26 " "	July 1891	10	15	F	.27 " "

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK.

CARD GRINDERS.

July 1853	12	2	M	.75 per day.	July 1858	12	2	M	.83⅓ per day.
Jan. 1854	12	2	M	.75 " "	Jan. 1859	12	2	M	.83⅓ " "
July 1854	12	2	M	.91½ " "	July 1859	12	2	M	.83⅓ " "
Jan. 1855	12	2	M	.91½ " "	Jan. 1860	12	2	M	.83⅓ " "
July 1855	12	2	M	.91⅔ " "	July 1860	12	2	M	1.00 " "
Jan. 1856	12	2	M	.91⅔ " "	Jan. 1861	12	2	M	1.00 " "
July 1856	12	2	M	.91⅔ " "	July 1861	12	2	M	1.00 " "
Jan. 1857	12	2	M	.91⅔ " "	Jan. 1862	12	2	M	1.00 " "
July 1857	12	2	M	1.00 " "	July 1862	12	2	M	1.00 " "
Jan. 1858	12	2	M	.83⅓ " "	July 1865	12	1	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

CARD GRINDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1866	12	1	M	$1.75 per day.	Jan. 1879	11	1	M	$1.33½ per day.
July 1866	12	1	M	1.75 " "	July 1879	11	1	M	1.20 " "
Jan. 1867	12	1	M	1.87½ " "	Jan. 1880	11	1	M	1.33⅓ " "
July 1867	11	1	M	1.87½ " "	July 1880	11	1	M	1.33⅓ " "
Jan. 1868	11	1	M	1.87½ " "	Jan. 1881	11	1	M	1.37½ " "
July 1868	11	1	M	1.87½ " "	July 1881	11	1	M	1.37½ " "
Jan. 1869	11	1	M	1.87½ " "	Jan. 1882	11	1	M	1.41⅔ " "
July 1869	11	1	M	1.50 " "	July 1882	11	1	M	1.41⅔ " "
Jan. 1870	11	1	M	1.50 " "	Jan. 1883	11	1	M	1.41⅛ " "
July 1870	11	1	M	1.87½ " "	July 1883	11	1	M	1.41½ " "
Jan. 1871	11	1	M	1.87½ " "	Jan. 1884	11	1	M	1.41½ " "
July 1871	11	1	M	1.87½ " "	July 1884	11	1	M	1.41½ " "
Jan. 1872	11	1	M	1.87½ " "	Jan. 1885	11	1	M	1.41⅛ " "
July 1872	11	1	M	1.87½ " "	July 1885	11	1	M	1.41⅛ " "
Jan. 1873	11	1	M	1.87½ " "	Jan. 1886	11	1	M	1.41⅓ " "
July 1873	11	1	M	1.50 " "	July 1886	10	1	M	1.41⅛ " "
Jan. 1874	11	1	M	1.68⅛ " "	Jan. 1887	10	1	M	1.41⅓ " "
July 1874	11	1	M	1.68⅛ " "	July 1887	10	1	M	1.41⅓ " "
Jan. 1875	11	1	M	1.68½ " "	Jan. 1888	10	1	M	1.41⅓ " "
July 1875	11	1	M	1.48 " "	July 1888	10	1	M	1.41½ " "
Jan. 1876	11	1	M	1.33½ " "	Jan. 1889	10	1	M	1.50 " "
July 1876	11	1	M	1.33⅓ " "	July 1889	10	1	M	1.50 " "
Jan. 1877	11	1	M	1.33⅓ " "	Jan. 1890	10	1	M	1.50 " "
July 1877	11	1	M	1.33⅓ " "	July 1890	10	1	M	1.50 " "
Jan. 1878	11	1	M	1.33⅓ " "	Jan. 1891	10	1	M	1.50 " "
July 1878	11	1	M	1.33⅓ " "	July 1891	10	1	M	1.50 " "

CARD STRIPPERS.

Jan. 1853	12	4	M	.66⅔ per day.	Jan. 1874	11	4	M	1.21 per day.
July 1853	12	4	M	.66⅔ " "	July 1874	11	3	M	1.08⅓ " "
Jan. 1854	12	4	M	.66⅔ " "	Jan. 1875	11	3	M	1.08⅓ " "
July 1854	12	4	M	.66⅔ " "	July 1875	11	3	M	1.08⅓ " "
Jan. 1855	12	4	M	.66⅔ " "	Jan. 1876	11	2	M	1.16⅔ " "
July 1855	12	4	M	.66⅔ " "	July 1876	11	2	M	1.18⅓ " "
Jan. 1856	12	4	M	.66½ " "	Jan. 1877	11	2	M	1.18⅓ " "
July 1856	12	4	M	.71 " "	July 1877	11	2	M	1.18⅓ " "
Jan. 1857	12	4	M	.71 " "	Jan. 1878	11	2	M	1.18⅓ " "
July 1857	12	4	M	.71 " "	July 1878	11	2	M	1.18½ " "
Jan. 1858	12	4	M	.53 " "	Jan. 1879	11	2	M	1.18½ " "
July 1858	12	4	M	.58½ " "	July 1879	11	2	M	1.00 " "
Jan. 1859	12	4	M	.62 " "	Jan. 1880	11	2	M	1.18½ " "
July 1859	12	4	M	.62 " "	July 1880	11	2	M	1.29 " "
Jan. 1860	12	4	M	.60½ " "	Jan. 1881	11	2	M	1.29 " "
July 1860	12	4	M	.66⅔ " "	July 1881	11	2	M	1.29 " "
Jan. 1861	12	4	M	.66⅔ " "	Jan. 1882	11	2	M	1.29 " "
July 1861	12	4	M	.66⅔ " "	July 1882	11	2	M	1.12⅛ " "
Jan. 1862	12	4	M	.66⅔ " "	Jan. 1883	11	2	M	1.12⅛ " "
July 1862	12	4	M	.66⅔ " "	July 1883	11	2	M	1.12½ " "
July 1865	12	4	M	1.00 " "	Jan. 1884	11	2	M	1.12½ " "
Jan. 1866	12	3	M	1.06 " "	July 1884	11	2	M	1.12½ " "
July 1866	12	3	M	1.12½ " "	Jan. 1885	11	2	M	1.00 " "
Jan. 1867	12	3	M	1.12½ " "	July 1885	11	2	M	1.00 " "
July 1867	11	4	M	1.25 " "	Jan. 1886	11	2	M	1.00 " "
Jan. 1868	11	5	M	1.25 " "	July 1886	10	2	M	1.00 " "
July 1868	11	4	M	1.25 " "	Jan. 1887	10	2	M	1.00 " "
Jan. 1869	11	4	M	1.25 " "	July 1887	10	2	M	1.00 " "
July 1869	11	4	M	1.25 " "	Jan. 1888	10	1	M	1.21 " "
Jan. 1870	11	4	M	1.25 " "	July 1888	10	1	M	1.21 " "
July 1870	11	4	M	1.25 " "	Jan. 1889	10	1	M	1.21 " "
Jan. 1871	11	4	M	1.25 " "	July 1889	10	1	M	1.21 " "
July 1871	11	4	M	1.25 " "	Jan. 1890	10	1	M	1.21 " "
Jan. 1872	11	4	M	1.25 " "	July 1890	10	1	M	1.21 " "
July 1872	11	4	M	1.25 " "	Jan. 1891	10	1	M	1.21 " "
Jan. 1873	11	4	M	1.25 " "	July 1891	10	1	M	1.21 " "
July 1873	11	4	M	1.25 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

CARPENTERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1853	12	1	M	$1.50 per day.	Jan. 1874	11	1	M	$2.25 per day.
July 1853	12	1	M	1.50 " "	July 1874	11	1	M	2.37½ " "
Jan. 1854	12	1	M	1.50 " "	Jan. 1875	11	1	M	2.37½ " "
July 1854	12	1	M	1.75 " "	July 1875	11	1	M	2.37½ " "
Jan. 1855	12	1	M	1.75 " "	Jan. 1876	11	1	M	2.10 " "
July 1855	12	1	M	1.75 " "	July 1876	11	1	M	1.87½ " "
Jan. 1856	12	1	M	1.75 " "	Jan. 1877	11	1	M	1.87½ " "
July 1856	12	1	M	1.75 " "	July 1877	11	1	M	1.87½ " "
Jan. 1857	12	1	M	1.50 " "	Jan. 1878	11	1	M	1.87½ " "
July 1857	12	1	M	1.50 " "	July 1878	11	1	M	1.87½ " "
Jan. 1858	12	1	M	1.50 " "	Jan. 1879	11	1	M	1.87½ " "
July 1858	12	1	M	1.50 " "	July 1879	11	1	M	1.87½ " "
Jan. 1859	12	1	M	1.50 " "	Jan. 1880	11	1	M	1.87½ " "
July 1859	12	1	M	1.50 " "	July 1880	11	1	M	1.87½ " "
Jan. 1860	12	1	M	1.50 " "	Jan. 1881	11	1	M	1.87½ " "
July 1860	12	1	M	1.50 " "	July 1881	11	1	M	1.83½ " "
Jan. 1861	12	1	M	1.50 " "	Jan. 1882	11	1	M	1.83½ " "
July 1861	12	1	M	1.50 " "	July 1882	11	1	M	1.83½ " "
Jan. 1862	12	1	M	1.50 " "	Jan. 1883	11	1	M	1.85½ " "
July 1862	12	1	M	1.62½ " "	July 1883	11	1	M	1.83½ " "
July 1865	12	1	M	3.00 " "	Jan. 1884	11	1	M	1.83½ " "
Jan. 1866	12	1	M	3.00 " "	July 1884	11	1	M	1.83½ " "
July 1866	12	1	M	3.25 " "	Jan. 1885	11	1	M	1.66½ " "
Jan. 1867	12	1	M	3.25 " "	July 1885	11	1	M	1.66½ " "
July 1867	11	1	M	3.25 " "	Jan. 1886	11	1	M	1.66½ " "
Jan. 1868	11	1	M	3.25 " "	July 1886	10	1	M	1.66½ " "
July 1868	11	1	M	2.50 " "	Jan. 1887	10	1	M	1.66½ " "
Jan. 1869	11	1	M	3.00 " "	July 1887	10	1	M	1.66½ " "
July 1869	11	1	M	3.00 " "	Jan. 1888	10	1	M	1.66½ " "
Jan. 1870	11	1	M	3.00 " "	July 1888	10	1	M	1.66½ " "
July 1870	11	1	M	2.75 " "	Jan. 1889	10	1	M	1.66½ " "
Jan. 1871	11	1	M	2.75 " "	July 1889	10	1	M	1.66½ " "
July 1871	11	1	M	2.75 " "	Jan. 1890	10	1	M	1.66½ " "
Jan. 1872	11	1	M	2.75 " "	July 1890	10	1	M	1.66½ " "
July 1872	11	1	M	2.75 " "	Jan. 1891	10	1	M	1.66½ " "
Jan. 1873	11	1	M	2.75 " "	July 1891	10	1	M	1.66½ " "
July 1873	11	1	M	2.25 " "					

DOFFERS.

Jan. 1853	12	2	F	.35½ per day.	July 1871	11	3	F	.83½ per day.
July 1853	12	2	F	.46 " "	Jan. 1872	11	3	F	.83½ " "
Jan. 1854	12	2	F	.50 " "	July 1872	11	3	F	.85½ " "
July 1854	12	2	F	.41½ " "	Jan. 1873	11	3	F	.83½ " "
Jan. 1855	12	2	F	.46½ " "	July 1873	11	3	F	.83½ " "
July 1855	12	3	F	.52 " "	Jan. 1874	11	3	F	.87½ " "
Jan. 1856	12	3	F	.54 " "	July 1874	11	3	F	.83½ " "
July 1856	12	3	F	.54 " "	Jan. 1875	11	3	F	.83½ " "
Jan. 1857	12	3	F	.62½ " "	July 1875	11	3	F	.83½ " "
July 1857	12	3	F	.62½ " "	Jan. 1876	11	3	F	.68½ " "
Jan. 1858	12	3	F	.39 " "	July 1876	11	3	F	.68½ " "
July 1858	12	3	F	.50 " "	Jan. 1877	11	3	F	.66½ " "
Jan. 1859	12	3	F	.50 " "	July 1877	11	3	F	.66½ " "
July 1859	12	3	F	.50 " "	Jan. 1878	11	3	F	.66½ " "
Jan. 1860	12	3	F	.46 " "	July 1878	11	3	F	.66½ " "
July 1860	12	3	F	.46 " "	Jan. 1879	11	3	F	.68½ " "
Jan. 1861	12	3	F	.46 " "	July 1879	11	3	F	.66½ " "
July 1861	12	3	F	.46 " "	Jan. 1880	11	3	F	.75 " "
Jan. 1862	12	3	F	.53½ " "	July 1880	11	3	F	.81½ " "
July 1862	12	3	F	.40½ " "	Jan. 1881	11	3	F	.73 " "
July 1865	12	3	F	.66½ " "	July 1881	11	3	F	.73 " "
Jan. 1866	12	3	F	.66½ " "	Jan. 1882	11	3	F	.75 " "
July 1866	12	3	F	.66½ " "	July 1882	11	3	F	.75 " "
Jan. 1867	12	3	F	.77 " "	Jan. 1883	11	3	F	.71 " "
July 1867	11	3	F	.77 " "	July 1883	11	3	F	.71 " "
Jan. 1868	11	3	F	.77 " "	Jan. 1884	11	3	F	.66½ " "
July 1868	11	3	F	.77 " "	July 1884	11	3	F	.66½ " "
Jan. 1869	11	3	F	.77 " "	Jan. 1885	11	2	F	.60½ " "
July 1869	11	3	F	.77 " "	July 1885	11	2	F	.60½ " "
Jan. 1870	11	3	F	.77 " "	Jan. 1886	11	2	F	.60½ " "
July 1870	11	3	F	.83½ " "	July 1886	10	2	F	.71 " "
Jan. 1871	11	3	F	.83½ " "	Jan. 1887	10	2	F	.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

DOFFERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887	10	2	F	$0.75 per day.	Jan. 1890	10	2	F	$0.83½ per day.
Jan. 1888	10	2	F	.75 " "	July 1890	10	2	F	.89½ " "
July 1888	10	2	F	.75 " "	Jan. 1891	10	2	F	.89½ " "
Jan. 1889	10	2	F	.83½ " "	July 1891	10	2	F	.89½ " "
July 1889	10	2	F	.83½ " "					

DRAWERS-IN.

Jan. 1853	12	2	F	.50 per day.	Jan. 1874	11	2	F	1.08 per day.
July 1853	12	2	F	.50 " "	July 1874	11	2	F	1.13 " "
Jan. 1854	12	2	F	.80 " "	Jan. 1875	11	2	F	1.20 " "
July 1854	12	2	F	.70 " "	July 1875	11	2	F	.93 " "
Jan. 1855	12	2	F	.70 " "	Jan. 1876	11	2	F	1.05 " "
July 1855	12	2	F	.50 " "	July 1876	11	2	F	.75 " "
Jan. 1856	12	2	F	.65 " "	Jan. 1877	11	2	F	.80 " "
July 1856	12	2	F	.65 " "	July 1877	11	2	F	.90 " "
Jan. 1857	12	2	F	.65 " "	Jan. 1878	11	2	F	.85 " "
July 1857	12	2	F	.70 " "	July 1878	11	2	F	.92 " "
Jan. 1858	12	2	F	.60 " "	Jan. 1879	11	2	F	.86 " "
July 1858	12	2	F	.60 " "	July 1879	11	2	F	.75 " "
Jan. 1859	12	2	F	.65 " "	Jan. 1880	11	2	F	.90 " "
July 1859	12	2	F	.60 " "	July 1880	11	2	F	1.00 " "
Jan. 1860	12	2	F	.62 " "	Jan. 1881	11	2	F	1.05 " "
July 1860	12	2	F	.55 " "	July 1881	11	2	F	1.05 " "
Jan. 1861	12	2	F	.60 " "	Jan. 1882	11	2	F	1.17 " "
July 1861	12	2	F	.52 " "	July 1882	11	2	F	1.00 " "
Jan. 1862	12	2	F	.50 " "	Jan. 1883	11	2	F	.90 " "
July 1862	12	2	F	.65 " "	July 1883	11	2	F	.92 " "
July 1865	12	2	F	1.00 " "	Jan. 1884	11	2	F	.94 " "
Jan. 1866	12	2	F	1.10 " "	July 1884	11	2	F	.90 " "
July 1866	12	2	F	1.18 " "	Jan. 1885	11	2	F	.80 " "
Jan. 1867	12	2	F	1.20 " "	July 1885	11	3	F	.85 " "
July 1867	11	2	F	1.10 " "	Jan. 1886	11	3	F	.84 " "
Jan. 1868	11	2	F	1.25 " "	July 1886	10	3	F	.80 " "
July 1868	11	2	F	1.23 " "	Jan. 1887	10	3	F	.80 " "
Jan. 1869	11	2	F	1.30 " "	July 1887	10	3	F	.78 " "
July 1869	11	2	F	1.25 " "	Jan. 1888	10	3	F	.80 " "
Jan. 1870	11	2	F	1.20 " "	July 1888	10	3	F	1.00 " "
July 1870	11	2	F	1.20 " "	Jan. 1889	10	3	F	.85 " "
Jan. 1871	11	2	F	1.10 " "	July 1889	10	2	F	.96 " "
July 1871	11	2	F	1.14 " "	Jan. 1890	10	2	F	.97 " "
Jan. 1872	11	2	F	1.20 " "	July 1890	10	2	F	.96 " "
July 1872	11	2	F	1.05 " "	Jan. 1891	10	2	F	.93 " "
Jan. 1873	11	2	F	1.30 " "	July 1891	10	2	F	.90 " "
July 1873	11	2	F	1.22 " "					

DRAWING-FRAME TENDERS.

Jan. 1853	12	4	F	.41½ per day.	July 1866	12	4	F	.50 per day.
July 1853	12	4	F	.41½ " "	Jan. 1867	12	4	F	.66⅔ " "
Jan. 1854	12	4	F	.41½ " "	July 1867	11	4	F	.83⅓ " "
July 1854	12	4	F	.41½ " "	Jan. 1868	11	4	F	.66⅔ " "
Jan. 1855	12	4	F	.41½ " "	July 1868	11	4	F	.62½ " "
July 1855	12	4	F	.41½ " "	Jan. 1869	11	4	F	.66½ " "
Jan. 1856	12	4	F	.41½ " "	July 1869	11	4	F	.75 " "
July 1856	12	4	F	.46 " "	Jan. 1870	11	4	F	.75 " "
Jan. 1857	12	4	F	.46 " "	July 1870	11	4	F	.75 " "
July 1857	12	4	F	.46 " "	Jan. 1871	11	4	F	.75 " "
Jan. 1858	12	4	F	.37½ " "	July 1871	11	4	F	.75 " "
July 1858	12	4	F	.43½ " "	Jan. 1872	11	4	F	.71 " "
Jan. 1859	12	4	F	.43½ " "	July 1872	11	4	F	.75 " "
July 1859	12	4	F	.41½ " "	Jan. 1873	11	4	F	.75 " "
Jan. 1860	12	4	F	.41½ " "	July 1873	11	4	F	.66½ " "
July 1860	12	4	F	.41½ " "	Jan. 1874	11	4	F	.66½ " "
Jan. 1861	12	4	F	.41½ " "	July 1874	11	4	F	.66½ " "
July 1861	12	4	F	.41½ " "	Jan. 1875	11	4	F	.66½ " "
Jan. 1862	12	4	F	.41½ " "	July 1875	11	4	F	.66½ " "
July 1862	12	4	F	.41½ " "	Jan. 1876	11	4	F	.58½ " "
July 1865	12	4	F	.58½ " "	July 1876	11	4	F	.54 " "
Jan. 1866	12	4	F	.58½ " "	Jan. 1877	11	4	F	.54 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

DRAWING-FRAME TENDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1877	11	4	F	$0.54 per day.	Jan. 1885	11	2	F	$0.60½ per day.
Jan. 1878	11	4	F	.54 " "	July 1885	11	2	F	.60½ " "
July 1878	11	4	F	.54 " "	Jan. 1886	11	2	F	.60½ " "
Jan. 1879	11	4	F	.54 " "	July 1886	10	2	F	.60½ " "
July 1879	11	2	F	.50 " "	Jan. 1887	10	2	F	.60½ " "
Jan. 1880	11	2	F	.66½ " "	July 1887	10	2	F	.60½ " "
July 1880	11	2	F	.73 " "	Jan. 1888	10	2	F	.60½ " "
Jan. 1881	11	2	F	.73 " "	July 1888	10	2	F	.66½ " "
July 1881	11	2	F	.73 " "	Jan. 1889	10	2	F	.66½ " "
Jan. 1882	11	2	F	.73 " "	July 1889	10	2	F	.66½ " "
July 1882	11	2	F	.66½ " "	Jan. 1890	10	2	F	.66½ " "
Jan. 1883	11	2	F	.66½ " "	July 1890	10	2	F	.66½ " "
July 1883	11	2	F	.66½ " "	Jan. 1891	10	2	F	.71 " "
Jan. 1884	11	2	F	.66½ " "	July 1891	10	2	F	.75 " "
July 1884	11	2	F	.66½ " "					

FIREMEN.

Jan. 1853	12	1	M	.83½ per day.	Jan. 1874	11	1	M	1.50 per day.
July 1853	12	1	M	.83½ " "	July 1874	11	1	M	1.62½ " "
Jan. 1854	12	1	M	.83½ " "	Jan. 1875	11	1	M	1.62½ " "
July 1854	12	1	M	1.00 " "	July 1875	11	1	M	1.62½ " "
Jan. 1855	12	1	M	1.00 " "	Jan. 1876	11	1	M	1.41½ " "
July 1855	12	1	M	1.00 " "	July 1876	11	1	M	1.27 " "
Jan. 1856	12	1	M	1.00 " "	Jan. 1877	11	1	M	1.27 " "
July 1856	12	1	M	1.00 " "	July 1877	11	1	M	1.27 " "
Jan. 1857	12	1	M	1.00 " "	Jan. 1878	11	1	M	1.27 " "
July 1857	12	1	M	.83½ " "	July 1878	11	1	M	1.27 " "
Jan. 1858	12	1	M	.75 " "	Jan. 1879	11	1	M	1.27 " "
July 1858	12	1	M	.75 " "	July 1879	11	1	M	1.27 " "
Jan. 1859	12	1	M	.75 " "	Jan. 1880	11	1	M	1.27 " "
July 1859	12	1	M	.75 " "	July 1880	11	1	M	1.39½ " "
Jan. 1860	12	1	M	.75 " "	Jan. 1881	11	1	M	1.39½ " "
July 1860	12	1	M	.75 " "	July 1881	11	1	M	1.25 " "
Jan. 1861	12	1	M	.75 " "	Jan. 1882	11	1	M	1.25 " "
July 1861	12	1	M	.75 " "	July 1882	11	1	M	1.25 " "
Jan. 1862	12	1	M	.75 " "	Jan. 1883	11	1	M	1.25 " "
July 1862	12	1	M	.93½ " "	July 1883	11	1	M	1.25 " "
July 1865	12	1	M	2.00 " "	Jan. 1884	11	1	M	1.25 " "
Jan. 1866	12	1	M	2.00 " "	July 1884	11	1	M	1.25 " "
July 1866	12	1	M	2.00 " "	Jan. 1885	11	1	M	1.33½ " "
Jan. 1867	12	1	M	2.00 " "	July 1885	11	1	M	1.33½ " "
July 1867	11	1	M	2.00 " "	Jan. 1886	11	1	M	1.33½ " "
Jan. 1868	11	1	M	1.75 " "	July 1886	10	1	M	1.41½ " "
July 1868	11	1	M	1.75 " "	Jan. 1887	10	1	M	1.41½ " "
Jan. 1869	11	1	M	1.75 " "	July 1887	10	1	M	1.41½ " "
July 1869	11	1	M	1.75 " "	Jan. 1888	10	1	M	1.41½ " "
Jan. 1870	11	1	M	1.75 " "	July 1888	10	1	M	1.41½ " "
July 1870	11	1	M	1.75 " "	Jan. 1889	10	1	M	1.41½ " "
Jan. 1871	11	1	M	1.75 " "	July 1889	10	1	M	1.41½ " "
July 1871	11	1	M	1.75 " "	Jan. 1890	10	1	M	1.41½ " "
Jan. 1872	11	1	M	1.75 " "	July 1890	10	1	M	1.41½ " "
July 1872	11	1	M	1.75 " "	Jan. 1891	10	1	M	1.58¾ " "
Jan. 1873	11	1	M	1.75 " "	July 1891	10	1	M	1.66½ " "
July 1873	11	1	M	1.50 " "					

LAPPER FEEDERS (boys).

Jan. 1853	12	1	M	.25 per day.	Jan. 1859	12	1	M	.33⅓ per day.
July 1853	12	1	M	.29 " "	July 1859	12	1	M	.33⅓ " "
Jan. 1854	12	1	M	.29 " "	Jan. 1860	12	1	M	.33⅓ " "
July 1854	12	1	M	.29 " "	July 1860	12	1	M	.37½ " "
Jan. 1855	12	1	M	.33⅓ " "	Jan. 1861	12	1	M	.37½ " "
July 1855	12	1	M	.33⅓ " "	July 1861	12	1	M	.37½ " "
Jan. 1856	12	1	M	.33⅓ " "	Jan. 1862	12	1	M	.37½ " "
July 1856	12	1	M	.33⅓ " "	July 1862	12	1	M	.37½ " "
Jan. 1857	12	1	M	.33⅓ " "	July 1865	12	1	M	.41⅔ " "
July 1857	12	1	M	.33⅓ " "	Jan. 1866	12	1	M	.41⅔ " "
Jan. 1858	12	1	M	.31¼ " "	July 1866	12	1	M	.41⅔ " "
July 1858	12	1	M	.33⅓ " "	Jan. 1867	12	1	M	.41⅔ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

LAPPER FEEDERS (boys)—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1867	11	1	M	$0.41⅓ per day.	Jan. 1880	11	1	M	$0.39½ per day.
Jan. 1868	11	1	M	.43½ " "	July 1880	11	1	M	.46 " "
July 1868	11	1	M	.50 " "	Jan. 1881	11	1	M	.46 " "
Jan. 1869	11	1	M	.50 " "	July 1881	11	1	M	.46 " "
July 1869	11	1	M	.50 " "	Jan. 1882	11	1	M	.46 " "
Jan. 1870	11	1	M	.54 " "	July 1882	11	1	M	.41½ " "
July 1870	11	1	M	.54 " "	Jan. 1883	11	1	M	.50 " "
Jan. 1871	11	1	M	.54 " "	July 1883	11	1	M	.50 " "
July 1871	11	1	M	.58⅓ " "	Jan. 1884	11	1	M	.50 " "
Jan. 1872	11	1	M	.58½ " "	July 1884	11	1	M	.50 " "
July 1872	11	1	M	.58½ " "	Jan. 1885	11	1	M	.43½ " "
Jan. 1873	11	1	M	.58½ " "	July 1885	11	1	M	.50 " "
July 1873	11	1	M	.66⅔ " "	Jan. 1886	11	1	M	.50 " "
Jan. 1874	11	1	M	.58⅓ " "	July 1886	10	1	M	.50 " "
July 1874	11	1	M	.58½ " "	Jan. 1887	10	1	M	.50 " "
Jan. 1875	11	1	M	.58½ " "	July 1887	10	1	M	.50 " "
July 1875	11	1	M	.58½ " "	Jan. 1888	10	1	M	.54 " "
Jan. 1876	11	1	M	.41⅔ " "	July 1888	10	1	M	.58⅓ " "
July 1876	11	1	M	.39⅙ " "	Jan. 1889	10	1	M	.66⅔ " "
Jan. 1877	11	1	M	.39½ " "	July 1889	10	1	M	.66½ " "
July 1877	11	1	M	.39½ " "	Jan. 1890	10	1	M	.66½ " "
Jan. 1878	11	1	M	.39½ " "	July 1890	10	1	M	.66½ " "
July 1878	11	1	M	.39½ " "	Jan. 1891	10	1	M	.66½ " "
Jan. 1879	11	1	M	.39½ " "	July 1891	10	1	M	.66½ " "
July 1879	11	1	M	.39½ " "					

LAPPER TENDERS.

Jan. 1853	12	1	M	.50 per day.	July 1873	11	1	M	1.62½ per day.
July 1853	12	1	M	.58⅓ " "	Jan. 1874	11	1	M	1.75 " "
Jan. 1854	12	1	M	.66⅔ " "	July 1874	11	1	M	1.75 " "
July 1854	12	1	M	.66½ " "	Jan. 1875	11	1	M	1.75 " "
Jan. 1855	12	1	M	.66⅔ " "	July 1875	11	1	M	1.75 " "
July 1855	12	1	M	.71 " "	Jan. 1876	11	1	M	1.54 " "
Jan. 1856	12	1	M	.83⅓ " "	July 1876	11	1	M	1.39½ " "
July 1856	12	1	M	.83⅓ " "	Jan. 1877	11	1	M	1.39½ " "
Jan. 1857	12	1	M	.83½ " "	July 1877	11	1	M	1.39½ " "
July 1857	12	1	M	.83½ " "	Jan. 1878	11	1	M	1.39½ " "
Jan. 1858	12	1	M	.75 " "	July 1878	11	1	M	1.39½ " "
July 1858	12	1	M	.75 " "	Jan. 1879	11	1	M	1.39½ " "
Jan. 1859	12	1	M	.75 " "	July 1879	11	1	M	1.00 " "
July 1859	12	1	M	.75 " "	Jan. 1880	11	1	M	1.39½ " "
Jan. 1860	12	1	M	.75 " "	July 1880	11	1	M	1.50 " "
July 1860	12	1	M	.67½ " "	Jan. 1881	11	1	M	1.50 " "
Jan. 1861	12	1	M	.67½ " "	July 1881	11	1	M	1.50 " "
July 1861	12	1	M	.71 " "	Jan. 1882	11	1	M	1.50 " "
Jan. 1862	12	1	M	.66⅔ " "	July 1882	11	1	M	1.33½ " "
July 1862	12	1	M	.66½ " "	Jan. 1883	11	1	M	1.33½ " "
July 1865	12	1	M	1.50 " "	July 1883	11	1	M	1.33½ " "
Jan. 1866	12	1	M	1.50 " "	Jan. 1884	11	1	M	1.33½ " "
July 1866	12	1	M	1.50 " "	July 1884	11	1	M	1.33½ " "
Jan. 1867	12	1	M	1.62½ " "	Jan. 1885	11	1	M	1.21 " "
July 1867	11	1	M	1.50 " "	July 1885	11	1	M	1.21 " "
Jan. 1868	11	1	M	1.50 " "	Jan. 1886	11	1	M	1.21 " "
July 1868	11	1	M	1.62½ " "	July 1886	10	1	M	1.21 " "
Jan. 1869	11	1	M	1.62½ " "	Jan. 1887	10	1	M	1.21 " "
July 1869	11	1	M	1.62½ " "	July 1887	10	1	M	1.21 " "
Jan. 1870	11	1	M	1.62½ " "	Jan. 1888	10	1	M	1.21 " "
July 1870	11	1	M	1.62½ " "	July 1888	10	1	M	1.41½ " "
Jan. 1871	11	1	M	1.62½ " "	Jan. 1889	10	1	M	1.41½ " "
July 1871	11	1	M	1.62½ " "	July 1889	10	1	M	1.41½ " "
Jan. 1872	11	1	M	1.62½ " "	Jan. 1890	10	1	M	1.41½ " "
July 1872	11	1	M	1.87½ " "	July 1890	10	1	M	1.41½ " "
Jan. 1873	11	1	M	1.87½ " "	Jan. 1891	10	1	M	1.41½ " "

MACHINISTS.

Jan. 1853	12	1	M	1.50 per day.	Jan. 1855	12	1	M	2.00 per day.
July 1853	12	1	M	1.75 " "	July 1855	12	1	M	2.00 " "
Jan. 1854	12	1	M	1.75 " "	Jan. 1856	12	1	M	2.00 " "
July 1854	12	1	M	2.00 " "	July 1856	12	1	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1857	12	1	M	$1.75 per day.	Jan. 1876	11	1	M	$3.00 per day.
July 1857	12	1	M	1.75 " "	July 1876	11	1	M	3.00 " "
Jan. 1858	12	1	M	1.50 " "	Jan. 1877	11	1	M	2.36¼ " "
July 1858	12	1	M	1.50 " "	July 1877	11	1	M	2.36¼ " "
Jan. 1859	12	1	M	1.62½ " "	Jan. 1878	11	1	M	2.36⅓ " "
July 1859	12	1	M	1.62½ " "	July 1878	11	1	M	2.36⅓ " "
Jan. 1860	12	1	M	1.66⅔ " "	Jan. 1879	11	1	M	2.36½ " "
July 1860	12	1	M	1.66⅔ " "	July 1879	11	1	M	2.36½ " "
Jan. 1861	12	1	M	1.66⅔ " "	Jan. 1880	11	1	M	2.36½ " "
July 1861	12	1	M	1.66⅔ " "	July 1880	11	1	M	2.60 " "
Jan. 1862	12	1	M	1.66⅔ " "	Jan. 1881	11	1	M	2.60 " "
July 1862	12	1	M	1.62½ " "	July 1881	11	1	M	2.60 " "
July 1865	12	1	M	3.00 " "	Jan. 1882	11	1	M	3.00 " "
Jan. 1866	12	1	M	3.00 " "	July 1882	11	1	M	3.00 " "
July 1866	12	1	M	3.19½ " "	Jan. 1883	11	1	M	3.00 " "
Jan. 1867	12	1	M	3.19½ " "	July 1883	11	1	M	3.00 " "
July 1867	11	1	M	3.19½ " "	Jan. 1884	11	1	M	3.00 " "
Jan. 1868	11	1	M	3.25 " "	July 1884	11	1	M	3.00 " "
July 1868	11	1	M	3.25 " "	Jan. 1885	11	1	M	3.00 " "
Jan. 1869	11	1	M	3.25 " "	July 1885	11	1	M	3.00 " "
July 1869	11	1	M	3.25 " "	Jan. 1886	11	1	M	3.00 " "
Jan. 1870	11	1	M	3.25 " "	July 1886	10	1	M	3.00 " "
July 1870	11	1	M	3.25 " "	Jan. 1887	10	1	M	3.00 " "
Jan. 1871	11	1	M	3.25 " "	July 1887	10	1	M	3.00 " "
July 1871	11	1	M	3.25 " "	Jan. 1888	10	1	M	3.00 " "
Jan. 1872	11	1	M	3.25 " "	July 1888	10	1	M	3.00 " "
July 1872	11	1	M	3.25 " "	Jan. 1889	10	1	M	3.00 " "
Jan. 1873	11	1	M	3.25 " "	July 1889	10	1	M	3.00 " "
July 1873	11	1	M	3.25 " "	Jan. 1890	10	1	M	3.00 " "
Jan. 1874	11	1	M	3.25 " "	July 1890	10	1	M	3.00 " "
July 1874	11	1	M	2.75 " "	Jan. 1891	10	1	M	3.00 " "
Jan. 1875	11	1	M	2.75 " "	July 1891	10	1	M	3.50 " "
July 1875	11	1	M	3.00 " "					

OVERSEERS, CARDING DEPARTMENT.

Jan. 1853	12	1	M	2.00 per day.	Jan. 1874	11	1	M	2.25 per day.
July 1853	12	1	M	2.00 " "	July 1874	11	1	M	2.37½ " "
Jan. 1854	12	1	M	2.00 " "	Jan. 1875	11	1	M	2.37½ " "
July 1854	12	1	M	2.00 " "	July 1875	11	1	M	2.37½ " "
Jan. 1855	12	1	M	2.00 " "	Jan. 1876	11	1	M	2.08½ " "
July 1855	12	1	M	2.00 " "	July 1876	11	1	M	1.87½ " "
Jan. 1856	12	1	M	2.00 " "	Jan. 1877	11	1	M	1.87½ " "
July 1856	12	1	M	2.00 " "	July 1877	11	1	M	1.87½ " "
Jan. 1857	12	1	M	1.50 " "	Jan. 1878	11	1	M	1.87½ " "
July 1857	12	1	M	1.50 " "	July 1878	11	1	M	1.87½ " "
Jan. 1858	12	1	M	1.50 " "	Jan. 1879	11	1	M	1.87½ " "
July 1858	12	1	M	1.75 " "	July 1879	11	1	M	1.66⅔ " "
Jan. 1859	12	1	M	1.75 " "	Jan. 1880	11	1	M	1.87½ " "
July 1859	12	1	M	1.75 " "	July 1880	11	1	M	2.06½ " "
Jan. 1860	12	1	M	1.75 " "	Jan. 1881	11	1	M	2.25 " "
July 1860	12	1	M	1.75 " "	July 1881	11	1	M	2.25 " "
Jan. 1861	12	1	M	1.75 " "	Jan. 1882	11	1	M	2.25 " "
July 1861	12	1	M	1.75 " "	July 1882	11	1	M	2.25 " "
Jan. 1862	12	1	M	1.75 " "	Jan. 1883	11	1	M	2.25 " "
July 1862	12	1	M	1.75 " "	July 1883	11	1	M	2.25 " "
July 1865	12	1	M	2.25 " "	Jan. 1884	11	1	M	2.25 " "
Jan. 1866	12	1	M	2.25 " "	July 1884	11	1	M	2.25 " "
July 1866	12	1	M	2.25 " "	Jan. 1885	11	1	M	2.02½ " "
Jan. 1867	12	1	M	2.50 " "	July 1885	11	1	M	2.02½ " "
July 1867	11	1	M	2.50 " "	Jan. 1886	11	1	M	2.02½ " "
Jan. 1868	11	1	M	2.50 " "	July 1886	10	1	M	2.25 " "
July 1868	11	1	M	2.50 " "	Jan. 1887	10	1	M	2.25 " "
Jan. 1869	11	1	M	2.50 " "	July 1887	10	1	M	2.25 " "
July 1869	11	1	M	2.50 " "	Jan. 1888	10	1	M	2.25 " "
Jan. 1870	11	1	M	2.50 " "	July 1888	10	1	M	2.25 " "
July 1870	11	1	M	2.50 " "	Jan. 1889	10	1	M	2.25 " "
Jan. 1871	11	1	M	2.50 " "	July 1889	10	1	M	2.25 " "
July 1871	11	1	M	2.50 " "	Jan. 1890	10	1	M	2.25 " "
Jan. 1872	11	1	M	2.50 " "	July 1890	10	1	M	2.25 " "
July 1872	11	1	M	2.50 " "	Jan. 1891	10	1	M	2.25 " "
Jan. 1873	11	1	M	2.50 " "	July 1891	10	1	M	2.25 " "
July 1873	11	1	M	2.50 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

OVERSEERS, SPINNING DEPARTMENT.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1853	12	1	M	$1.50 per day.	July 1871	11	2	M	$2.50 per day.
	12	1	M	1.75 " "	Jan. 1872	11	2	M	2.50 " "
					July 1872	11	2	M	2.50 " "
Average	12	2	M	1.62½ " "	Jan. 1873	11	2	M	2.50 " "
					July 1873	11	2	M	2.50 " "
July 1853	12	2	M	1.75 " "	Jan. 1874	11	2	M	2.25 " "
Jan. 1854	12	2	M	1.75 " "					
					July 1874	11	1	M	2.25 " "
July 1854	12	1	M	1.62½ " "		11	1	M	2.37½ " "
	12	1	M	1.75 " "					
					Average	11	2	M	2.31½ " "
Average	12	2	M	1.68½ " "					
					Jan. 1875	11	2	M	2.37½ " "
Jan. 1855	12	2	M	1.75 " "	July 1875	11	2	M	2.37½ " "
July 1855	12	2	M	1.75 " "	Jan. 1876	11	2	M	2.08½ " "
Jan. 1856	12	2	M	1.75 " "					
July 1856	12	2	M	1.75 " "	July 1876	11	1	M	1.87½ " "
Jan. 1857	12	2	M	1.75 " "		11	1	M	2.08½ " "
July 1857	12	2	M	1.75 " "					
Jan. 1858	12	2	M	1.50 " "	Average	11	2	M	1.98 " "
July 1858	12	2	M	1.62½ " "					
Jan. 1859	12	2	M	1.62½ " "	Jan. 1877	11	2	M	1.87½ " "
July 1859	12	2	M	1.62½ " "	July 1877	11	2	M	1.87½ " "
Jan. 1860	12	2	M	1.62½ " "	Jan. 1878	11	2	M	1.87½ " "
July 1860	12	2	M	1.62½ " "	July 1878	11	2	M	1.87½ " "
Jan. 1861	12	2	M	1.62½ " "	Jan. 1879	11	2	M	1.87½ " "
July 1861	12	2	M	1.62½ " "	July 1879	11	1	M	1.87½ " "
					Jan. 1880	11	1	M	1.87½ " "
Jan. 1862	12	1	M	1.58½ " "	July 1880	11	1	M	2.09½ " "
	12	1	M	1.62½ " "	Jan. 1881	11	1	M	2.25 " "
					July 1881	11	1	M	2.25 " "
Average	12	2	M	1.60½ " "	Jan. 1882	11	1	M	2.75 " "
					July 1882	11	1	M	2.25 " "
July 1862	12	2	M	1.62½ " "	Jan. 1883	11	1	M	2.25 " "
					July 1883	11	1	M	2.25 " "
July 1865	12	1	M	2.00 " "	Jan. 1884	11	1	M	2.25 " "
	12	1	M	2.25 " "	July 1884	11	1	M	2.25 " "
					Jan. 1885	11	1	M	2.02½ " "
Average	12	2	M	2.12½ " "	July 1885	11	1	M	2.02½ " "
					Jan. 1886	11	1	M	2.02½ " "
Jan. 1866	12	2	M	2.25 " "	July 1886	10	1	M	2.02½ " "
July 1866	12	2	M	2.25 " "	Jan. 1887	10	1	M	2.25 " "
Jan. 1867	12	2	M	2.50 " "	July 1887	10	1	M	2.25 " "
July 1867	11	2	M	2.50 " "	Jan. 1888	10	1	M	2.25 " "
Jan. 1868	11	2	M	2.50 " "	July 1888	10	1	M	2.25 " "
July 1868	11	2	M	2.50 " "	Jan. 1889	10	1	M	2.25 " "
Jan. 1869	11	2	M	2.50 " "	July 1889	10	1	M	2.25 " "
July 1869	11	2	M	2.50 " "	Jan. 1890	10	1	M	2.25 " "
Jan. 1870	11	2	M	2.50 " "	July 1890	10	1	M	2.25 " "
July 1870	11	2	M	2.50 " "	Jan. 1891	10	1	M	2.25 " "
Jan. 1871	11	2	M	2.50 " "	July 1891	10	1	M	2.25 " "

OVERSEERS, SPOOLING DEPARTMENT.

July 1857	12	1	M	1.37½ per day.	July 1869	11	1	M	2.50 per day.
Jan. 1858	12	1	M	1.25 " "	Jan. 1870	11	1	M	2.50 " "
July 1858	12	1	M	1.50 " "	July 1870	11	1	M	2.50 " "
Jan. 1859	12	1	M	1.62½ " "	Jan. 1871	11	1	M	2.50 " "
July 1859	12	1	M	1.62½ " "	July 1871	11	1	M	2.50 " "
Jan. 1860	12	1	M	1.62½ " "	Jan. 1872	11	1	M	2.50 " "
July 1860	12	1	M	1.62½ " "	July 1872	11	1	M	2.50 " "
Jan. 1861	12	1	M	1.62½ " "	Jan. 1873	11	1	M	2.50 " "
July 1861	12	1	M	1.62½ " "	July 1873	11	1	M	2.50 " "
Jan. 1862	12	1	M	1.62½ " "	Jan. 1874	11	1	M	2.25 " "
July 1862	12	1	M	1.62½ " "	July 1874	11	1	M	2.37½ " "
July 1865	12	1	M	2.25 " "	Jan. 1875	11	1	M	2.37½ " "
Jan. 1866	12	1	M	2.25 " "	July 1875	11	1	M	2.37½ " "
July 1866	12	1	M	2.25 " "	Jan. 1876	11	1	M	2.08½ " "
Jan. 1867	12	1	M	2.50 " "	July 1876	11	1	M	1.87½ " "
July 1867	11	1	M	2.50 " "	Jan. 1877	11	1	M	1.87½ " "
Jan. 1868	11	1	M	2 50 " "	July 1877	11	1	M	1.87½ " "
July 1868	11	1	M	2.50 " "	Jan. 1878	11	1	M	1.87½ " "
Jan. 1869	11	1	M	2.50 " "	July 1878	11	1	M	1.87½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

OVERSEERS, SPOOLING DEPARTMENT—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1879	11	1	M	$1.87½ per day.	July 1885	11	1	M	$2.02½ per day.
July 1879	11	1	M	1.66⅔ " "	Jan. 1886	11	1	M	2.02½ " "
Jan. 1880	11	1	M	1.87½ " "	July 1886	10	1	M	2.25 " "
July 1880	11	1	M	2.06½ " "	Jan. 1887	10	1	M	3.00 " "
Jan. 1881	11	1	M	2.25 " "	July 1887	10	1	M	3.00 " "
July 1881	11	1	M	2.25 " "	Jan. 1888	10	1	M	3.00 " "
Jan. 1882	11	1	M	2.25 " "	July 1888	10	1	M	3.00 " "
July 1882	11	1	M	2.25 " "	Jan. 1889	10	1	M	3.00 " "
Jan. 1883	11	1	M	2.25 " "	July 1889	10	1	M	3.00 " "
July 1883	11	1	M	2.25 " "	Jan. 1890	10	1	M	3.00 " "
Jan. 1884	11	1	M	2.25 " "	July 1890	10	1	M	3.00 " "
July 1884	11	1	M	2.25 " "	Jan. 1891	10	1	M	3.00 " "
Jan. 1885	11	1	M	2.02½ " "	July 1891	10	1	M	3.00 " "

OVERSEERS, WEAVING DEPARTMENT.

Jan. 1853	12	1	M	1.75 per day.	Jan. 1874	11	1	M	3.00 per day.
July 1853	12	1	M	2.00 " "	July 1874	11	1	M	2.50 " "
Jan. 1854	12	1	M	2.25 " "	Jan. 1875	11	1	M	2.75 " "
July 1854	12	1	M	2.25 " "	July 1875	11	1	M	2.75 " "
Jan. 1855	12	1	M	2.25 " "	Jan. 1876	11	1	M	2.75 " "
July 1855	12	1	M	2.25 " "	July 1876	11	1	M	2.41½ " "
Jan. 1856	12	1	M	2.25 " "	Jan. 1877	11	1	M	2.17½ " "
July 1856	12	1	M	2.25 " "	July 1877	11	1	M	2.17½ " "
Jan. 1857	12	1	M	2.25 " "	Jan. 1878	11	1	M	2.17½ " "
July 1857	12	1	M	2.25 " "	July 1878	11	1	M	2.17½ " "
Jan. 1858	12	1	M	2.00 " "	Jan. 1879	11	1	M	2.17½ " "
July 1858	12	1	M	1.75 " "	July 1879	11	1	M	2.00 " "
Jan. 1859	12	1	M	1.75 " "	Jan. 1880	11	1	M	2.00 " "
July 1859	12	1	M	1.75 " "	July 1880	11	1	M	2.50 " "
Jan. 1860	12	1	M	1.75 " "	Jan. 1881	11	1	M	2.50 " "
July 1860	12	1	M	2.00 " "	July 1881	11	1	M	2.50 " "
Jan. 1861	12	1	M	2.00 " "	Jan. 1882	11	1	M	2.50 " "
July 1861	12	1	M	2.00 " "	July 1882	11	1	M	2.50 " "
Jan. 1862	12	1	M	1.50 " "	Jan. 1883	11	1	M	2.75 " "
July 1862	12	1	M	1.50 " "	July 1883	11	1	M	2.75 " "
July 1865	12	1	M	2.75 " "	Jan. 1884	11	1	M	2.75 " "
Jan. 1866	12	1	M	2.75 " "	July 1884	11	1	M	2.75 " "
July 1866	12	1	M	2.75 " "	Jan. 1885	11	1	M	2.50 " "
Jan. 1867	12	1	M	3.00 " "	July 1885	11	1	M	2.50 " "
July 1867	11	1	M	3.00 " "	Jan. 1886	11	1	M	2.50 " "
Jan. 1868	11	1	M	3.00 " "	July 1886	10	1	M	2.50 " "
July 1868	11	1	M	3.00 " "	Jan. 1887	10	1	M	2.50 " "
Jan. 1869	11	1	M	3.00 " "	July 1887	10	1	M	2.50 " "
July 1869	11	1	M	3.00 " "	Jan. 1888	10	1	M	2.50 " "
Jan. 1870	11	1	M	3.00 " "	July 1888	10	1	M	2.50 " "
July 1870	11	1	M	3.00 " "	Jan. 1889	10	1	M	2.50 " "
Jan. 1871	11	1	M	3.00 " "	July 1889	10	1	M	2.50 " "
July 1871	11	1	M	3.00 " "	Jan. 1890	10	1	M	2.50 " "
Jan. 1872	11	1	M	3.00 " "	July 1890	10	1	M	3.00 " "
July 1872	11	1	M	3.00 " "	Jan. 1891	10	1	M	3.00 " "
Jan. 1873	11	1	M	3.00 " "	July 1891	10	1	M	3.00 " "
July 1873	11	1	M	3.00 " "					

PICKERS (boys).

Jan. 1853	12	2	M	.25 per day.	July 1860	12	2	M	.35⅓ per day.
July 1853	12	2	M	.25 " "	Jan. 1861	12	2	M	.35⅓ " "
Jan. 1854	12	2	M	.25 " "	July 1861	12	2	M	.35⅓ " "
July 1854	12	2	M	.25 " "	Jan. 1862	12	2	M	.33⅓ " "
Jan. 1855	12	2	M	.33⅓ " "	July 1862	12	2	M	.31¼ " "
July 1855	12	2	M	.33⅓ " "	July 1865	12	2	M	.41½ " "
Jan. 1856	12	2	M	.33⅓ " "	Jan. 1866	12	2	M	.46 " "
July 1856	12	2	M	.33⅓ " "	July 1866	12	2	M	.46 " "
Jan. 1857	12	2	M	.33⅓ " "	Jan. 1867	12	2	M	.46 " "
July 1857	12	2	M	.33⅓ " "	July 1867	11	2	M	.41¼ " "
Jan. 1858	12	2	M	.31½ " "	Jan. 1868	11	2	M	.43¾ " "
July 1858	12	2	M	.29 " "	July 1868	11	2	M	.50 " "
Jan. 1859	12	2	M	.33⅓ " "	Jan. 1869	11	2	M	.50 " "
July 1859	12	2	M	.33⅓ " "	July 1869	11	2	M	.50 " "
Jan. 1860	12	2	M	.33⅓ " "	Jan. 1870	11	2	M	.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

PICKERS (boys)—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1870	11	2	M	$0.50 per day.	July 1879	11	1	M	$0.35½ per day.
Jan. 1871	11	2	M	.50 " "	Jan. 1880	11	1	M	.35½ " "
July 1871	11	2	M	.50 " "	July 1880	11	1	M	.46 " "
Jan. 1872	11	2	M	.50 " "	Jan. 1881	11	1	M	.46 " "
July 1872	11	2	M	.50 " "	July 1881	11	1	M	.46 " "
Jan. 1873	11	2	M	.50 " "	Jan. 1882	11	1	M	.46 " "
July 1873	11	2	M	.50 " "	July 1882	11	1	M	.41½ " "
Jan. 1874	11	2	M	.50 " "	Jan. 1883	11	1	M	.50 " "
July 1874	11	2	M	.50 " "	July 1883	11	1	M	.50 " "
Jan. 1875	11	1	M	.50 " "	Jan. 1884	11	1	M	.50 " "
July 1875	11	1	M	.50 " "	July 1884	11	1	M	.50 " "
Jan. 1876	11	1	M	.41½ " "	Jan. 1885	11	1	M	.43½ " "
July 1876	11	1	M	.35½ " "	July 1885	11	1	M	.43½ " "
Jan. 1877	11	1	M	.35½ " "	Jan. 1886	11	1	M	.50 " "
July 1877	11	1	M	.35½ " "	July 1886	10	1	M	.50 " "
Jan. 1878	11	1	M	.35½ " "	Jan. 1887	10	1	M	.50 " "
July 1878	11	1	M	.35½ " "	July 1887	10	1	M	.50 " "
Jan. 1879	11	1	M	.35½ " "	Jan. 1888	10	1	M	.50 " "

PIECERS, BACK (boys).

Jan. 1853	12	3	M	.21 per day.	Jan. 1874	11	3	M	.62½ per day.
July 1853	12	3	M	.21 " "	July 1874	11	3	M	.62½ " "
Jan. 1854	12	3	M	.25 " "	Jan. 1875	11	3	M	.64½ " "
July 1854	12	3	M	.25 " "	July 1875	11	3	M	.64½ " "
Jan. 1855	12	3	M	.25 " "	Jan. 1876	11	3	M	.50 " "
July 1855	12	3	M	.29 " "	July 1876	11	3	M	.50 " "
Jan. 1856	12	3	M	.25 " "	Jan. 1877	11	3	M	.48 " "
July 1856	12	3	M	.25 " "	July 1877	11	3	M	.48 " "
Jan. 1857	12	3	M	.25 " "	Jan. 1878	11	3	M	.48 " "
July 1857	12	3	M	.25 " "	July 1878	11	3	M	.48 " "
Jan. 1858	12	3	M	.25 " "	Jan. 1879	11	3	M	.48 " "
July 1858	12	3	M	.25 " "	July 1879	11	3	M	.48 " "
Jan. 1859	12	3	M	.29 " "	Jan. 1880	11	3	M	.52 " "
July 1859	12	3	M	.29 " "	July 1880	11	3	M	.52 " "
Jan. 1860	12	3	M	.29 " "	Jan. 1881	11	3	M	.52 " "
July 1860	12	3	M	.29 " "	July 1881	11	3	M	.52 " "
Jan. 1861	12	3	M	.29 " "	Jan. 1882	11	3	M	.50 " "
July 1861	12	3	M	.29 " "	July 1882	11	3	M	.50 " "
Jan. 1862	12	3	M	.29 " "	Jan. 1883	11	3	M	.50 " "
July 1862	12	3	M	.25 " "	July 1883	11	3	M	.50 " "
July 1865	12	3	M	.37½ " "	Jan. 1884	11	3	M	.50 " "
Jan. 1866	12	3	M	.41½ " "	July 1884	11	3	M	.50 " "
July 1866	12	3	M	.41½ " "	Jan. 1885	11	3	M	.46 " "
Jan. 1867	12	3	M	.52 " "	July 1885	11	3	M	.46 " "
July 1867	11	3	M	.52 " "	Jan. 1886	11	3	M	.46 " "
Jan. 1868	11	3	M	.54 " "	July 1886	10	3	M	.46 " "
July 1868	11	3	M	.54 " "	Jan. 1887	10	3	M	.46 " "
Jan. 1869	11	3	M	.54 " "	July 1887	10	3	M	.46 " "
July 1869	11	3	M	.54 " "	Jan. 1888	10	3	M	.46 " "
Jan. 1870	11	3	M	.54 " "	July 1888	10	3	M	.46 " "
July 1870	11	3	M	.50 " "	Jan. 1889	10	3	M	.50 " "
Jan. 1871	11	3	M	.50 " "	July 1889	10	3	M	.50 " "
July 1871	11	3	M	.58½ " "	Jan. 1890	10	3	M	.50 " "
Jan. 1872	11	3	M	.58½ " "	July 1890	10	3	M	.50 " "
July 1872	11	3	M	.58½ " "	Jan. 1891	10	3	M	.50 " "
Jan. 1873	11	3	M	.58½ " "	July 1891	10	3	M	.50 " "
July 1873	11	3	M	.62½ " "					

PIECERS, FRONT (boys).

Jan. 1853	12	3	M	.33⅓ per day.	July 1857	12	3	M	.58½ per day.
July 1853	12	3	M	.33⅓ " "	Jan. 1858	12	3	M	.56 " "
Jan. 1854	12	3	M	.41½ " "	July 1858	12	3	M	.56 " "
July 1854	12	3	M	.41½ " "	Jan. 1859	12	3	M	.58½ " "
Jan. 1855	12	3	M	.58½ " "	July 1859	12	3	M	.58½ " "
July 1855	12	3	M	.58½ " "	Jan. 1860	12	3	M	.58½ " "
Jan. 1856	12	3	M	.58½ " "	July 1860	12	3	M	.58½ " "
July 1856	12	3	M	.58½ " "	Jan. 1861	12	3	M	.58½ " "
Jan. 1857	12	3	M	.58½ " "	July 1861	12	3	M	.35½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

PIECERS, FRONT (boys)—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1862	12	3	M	$0.33½ per day.	July 1878	11	3	M	$0.83½ per day.
July 1862	12	3	M	.33⅓ " "	Jan. 1879	11	3	M	.66⅔ " "
July 1865	12	3	M	.66⅔ " "	July 1879	11	3	M	.66½ " "
Jan. 1866	12	3	M	.75 " "	Jan. 1880	11	2	M	.52 " "
July 1866	12	3	M	.75 " "	July 1880	11	2	M	.56½ " "
Jan. 1867	12	3	M	.83⅓ " "	Jan. 1881	11	2	M	.56½ " "
July 1867	11	3	M	.83⅓ " "	July 1881	11	2	M	.66⅔ " "
Jan. 1868	11	3	M	.83⅓ " "	Jan. 1882	11	2	M	.66⅔ " "
July 1868	11	3	M	1.00 " "	July 1882	11	2	M	.75 " "
Jan. 1869	11	3	M	1.00 " "	Jan. 1883	11	2	M	.75 " "
July 1869	11	3	M	1.00 " "	July 1883	11	2	M	.75 " "
Jan. 1870	11	3	M	.83⅓ " "	Jan. 1884	11	3	M	.75 " "
July 1870	11	3	M	.83⅓ " "	July 1884	11	3	M	.75 " "
Jan. 1871	11	3	M	.83⅓ " "	Jan. 1885	11	3	M	.75 " "
July 1871	11	3	M	.83⅓ " "	July 1885	11	3	M	.75 " "
Jan. 1872	11	3	M	1.00 " "	Jan. 1886	11	3	M	.75 " "
July 1872	11	3	M	.91⅔ " "	July 1886	10	3	M	.75 " "
Jan. 1873	11	3	M	.91⅔ " "	Jan. 1887	10	3	M	.75 " "
July 1873	11	3	M	.91⅔ " "	July 1887	10	3	M	.75 " "
Jan. 1874	11	3	M	.83⅓ " "	Jan. 1888	10	3	M	.75 " "
July 1874	11	3	M	.83⅓ " "	July 1888	10	3	M	.75 " "
Jan. 1875	11	3	M	1.00 " "	Jan. 1889	10	3	M	.75 " "
July 1875	11	3	M	1.00 " "	July 1889	10	3	M	.75 " "
Jan. 1876	11	3	M	.75 " "	Jan. 1890	10	3	M	.83½ " "
July 1876	11	3	M	.75 " "	July 1890	10	3	M	.91⅔ " "
Jan. 1877	11	3	M	.83⅓ " "	Jan. 1891	10	3	M	.91½ " "
July 1877	11	3	M	.83⅓ " "	July 1891	10	3	M	.91½ " "
Jan. 1878	11	3	M	.83½ " "					

ROPING BOYS.

Jan. 1853	12	1	M	.16½ per day.	Jan. 1874	11	1	M	.50 per day.
July 1853	12	1	M	.18⅓ " "	July 1874	11	1	M	.50 " "
Jan. 1854	12	1	M	.18½ " "	Jan. 1875	11	1	M	.58½ " "
July 1854	12	1	M	.25 " "	July 1875	11	1	M	.58½ " "
Jan. 1855	12	1	M	.27 " "	Jan. 1876	11	1	M	.66½ " "
July 1855	12	1	M	.31⅓ " "	July 1876	11	1	M	.58½ " "
Jan. 1856	12	1	M	.31⅓ " "	Jan. 1877	11	1	M	.58½ " "
July 1856	12	1	M	.31⅓ " "	July 1877	11	1	M	.58½ " "
Jan. 1857	12	1	M	.31½ " "	Jan. 1878	11	1	M	.58½ " "
July 1857	12	1	M	.33⅓ " "	July 1878	11	1	M	.58½ " "
Jan. 1858	12	1	M	.25 " "	Jan. 1879	11	1	M	.58½ " "
July 1858	12	1	M	.25 " "	July 1879	11	1	M	.58½ " "
Jan. 1859	12	1	M	.33⅓ " "	Jan. 1880	11	1	M	.58½ " "
July 1859	12	1	M	.33⅓ " "	July 1880	11	1	M	.58½ " "
Jan. 1860	12	1	M	.33⅓ " "	Jan. 1881	11	1	M	.58½ " "
July 1860	12	1	M	.33⅓ " "	July 1881	11	1	M	.62½ " "
Jan. 1861	12	1	M	.33⅓ " "	Jan. 1882	11	1	M	.62½ " "
July 1861	12	1	M	.33⅓ " "	July 1882	11	1	M	.58½ " "
Jan. 1862	12	1	M	.41⅔ " "	Jan. 1883	11	1	M	.58½ " "
July 1862	12	1	M	.37½ " "	July 1883	11	1	M	.58½ " "
July 1865	12	1	M	.60½ " "	Jan. 1884	11	1	M	.58½ " "
Jan. 1866	12	1	M	.60½ " "	July 1884	11	1	M	.58½ " "
July 1866	12	1	M	.60½ " "	Jan. 1885	11	1	M	.52 " "
Jan. 1867	12	1	M	.60½ " "	July 1885	11	1	M	.52 " "
July 1867	11	1	M	.60½ " "	Jan. 1886	11	1	M	.52 " "
Jan. 1868	11	1	M	.60½ " "	July 1886	10	1	M	.52 " "
July 1868	11	1	M	.66⅔ " "	Jan. 1887	10	1	M	.52 " "
Jan. 1869	11	1	M	.66⅔ " "	July 1887	10	1	M	.52 " "
July 1869	11	1	M	.66⅔ " "	Jan. 1888	10	1	M	.54 " "
Jan. 1870	11	1	M	.66⅔ " "	July 1888	10	1	M	.54 " "
July 1870	11	1	M	.66⅔ " "	Jan. 1889	10	1	M	.58½ " "
Jan. 1871	11	1	M	.66⅔ " "	July 1889	10	1	M	.58½ " "
July 1871	11	1	M	.66⅔ " "	Jan. 1890	10	1	M	.66⅔ " "
Jan. 1872	11	1	M	.66⅔ " "	July 1890	10	1	M	.66⅔ " "
July 1872	11	1	M	.50 " "	Jan. 1891	10	1	M	.66⅔ " "
Jan. 1873	11	1	M	.50 " "	July 1891	10	1	M	.66⅔ " "
July 1873	11	1	M	.50 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

SECOND HANDS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1853	12	1	M	$0.50 per day.
	12	1	M	.75 " "
	12	1	M	1.25 " "
	12	2	M	1.50 " "
Average	12	5	M	1.10 " "
July 1853	12	1	M	.50 " "
	12	1	M	.79 " "
	12	1	M	1.25 " "
	12	2	M	1.50 " "
Average	12	5	M	1.11 " "
Jan. 1854	12	1	M	.50 " "
	12	1	M	.83½ " "
	12	1	M	1.25 " "
	12	2	M	1.50 " "
Average	12	5	M	1.11½ " "
July 1854	12	1	M	.50 " "
	12	1	M	.83½ " "
	12	1	M	1.25 " "
	12	2	M	1.50 " "
Average	12	5	M	1.11½ " "
Jan. 1855	12	1	M	.52 " "
	12	1	M	.83½ " "
	12	1	M	1.00 " "
	12	2	M	1.50 " "
Average	12	5	M	1.07 " "
July 1855	12	1	M	.52 " "
	12	1	M	.83½ " "
	12	1	M	1.00 " "
	12	2	M	1.35 " "
Average	12	5	M	1.01 " "
Jan. 1856	12	1	M	.54 " "
	12	1	M	.87½ " "
	12	1	M	1.00 " "
	12	2	M	1.50 " "
Average	12	5	M	1.08½ " "
July 1856	12	1	M	.54 " "
	12	1	M	.87½ " "
	12	1	M	1.25 " "
	12	2	M	1.50 " "
Average	12	5	M	1.13½ " "
Jan. 1857	12	1	M	.66½ " "
	12	1	M	1.00 " "
	12	1	M	1.25 " "
	12	2	M	1.50 " "
Average	12	5	M	1.18½ " "
July 1857	12	1	M	.66½ " "
	12	1	M	1.00 " "
	12	1	M	1.25 " "
	12	2	M	1.50 " "
Average	12	5	M	1.18½ " "
Jan. 1858	12	1	M	.50 " "
	12	1	M	.75 " "
	12	1	M	1.12½ " "
	12	2	M	1.25 " "
Average	12	5	M	.97½ " "
July 1858	12	1	M	$0.58½ per day.
	12	1	M	.75 " "
	12	1	M	1.12½ " "
	12	1	M	1.25 " "
	12	1	M	1.37½ " "
Average	12	5	M	1.01½ " "
Jan. 1859	12	1	M	.58½ " "
	12	1	M	.87½ " "
	12	1	M	1.12½ " "
	12	1	M	1.25 " "
	12	1	M	1.37½ " "
Average	12	5	M	1.04 " "
July 1859	12	1	M	.58½ " "
	12	1	M	.87½ " "
	12	1	M	1.12½ " "
	12	2	M	1.37½ " "
Average	12	5	M	1.06½ " "
Jan. 1860	12	1	M	.58½ " "
	12	1	M	1.00 " "
	12	1	M	1.12½ " "
	12	2	M	1.37½ " "
Average	12	5	M	1.09 " "
July 1860	12	1	M	.66½ " "
	12	1	M	1.00 " "
	12	1	M	1.25 " "
	12	2	M	1.37½ " "
Average	12	5	M	1.13½ " "
Jan. 1861	12	1	M	.75 " "
	12	1	M	1.00 " "
	12	1	M	1.25 " "
	12	2	M	1.37½ " "
Average	12	5	M	1.15 " "
July 1861	12	1	M	.75 " "
	12	1	M	1.00 " "
	12	1	M	1.25 " "
	12	2	M	1.37½ " "
Average	12	5	M	1.15 " "
Jan. 1862	12	2	M	1.00 " "
	12	1	M	1.25 " "
	12	2	M	1.37½ " "
Average	12	5	M	1.20 " "
July 1862	12	1	M	.87½ " "
	12	1	M	1.00 " "
	12	1	M	1.25 " "
	12	2	M	1.37½ " "
Average	12	5	M	1.17½ " "
July 1865	12	1	M	1.37½ " "
	12	1	M	1.50 " "
	12	1	M	1.75 " "
	12	2	M	2.25 " "
Average	12	5	M	1.82½ " "
Jan. 1866	12	1	M	1.25 " "
	12	1	M	1.62½ " "
	12	1	M	1.75 " "
	12	1	M	2.00 " "
	12	1	M	2.25 " "
Average	12	5	M	1.77½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866	12	1	M	$1.25 per day.
	12	1	M	1.62½ " "
	12	1	M	1.75 " "
	12	1	M	2.12½ " "
	12	1	M	2.25 " "
Average	12	5	M	1.80 " "
Jan. 1867	12	1	M	1.37½ " "
	12	2	M	1.87½ " "
	12	1	M	2.25 " "
	12	1	M	2.50 " "
Average	12	5	M	1.97½ " "
July 1867	11	1	M	1.37½ " "
	11	2	M	1.87½ " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	1.97½ " "
Jan. 1868	11	1	M	1.37½ " "
	11	2	M	1.87½ " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	1.97½ " "
July 1868	11	1	M	1.37½ " "
	11	2	M	1.87½ " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	1.97½ " "
Jan. 1869	11	1	M	1.37½ " "
	11	2	M	1.87½ " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	1.97½ " "
July 1869	11	1	M	1.37½ " "
	11	2	M	1.87½ " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	1.97½ " "
Jan. 1870	11	1	M	1.37½ " "
	11	2	M	1.87½ " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	1.97½ " "
July 1870	11	1	M	1.37½ " "
	11	2	M	1.87½ " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	1.97½ " "
Jan. 1871	11	1	M	1.37½ " "
	11	2	M	1.87½ " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	1.97½ " "
July 1871	11	1	M	1.37½ " "
	11	1	M	1.87½ " "
	11	1	M	2.00 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	2.00 " "
Jan. 1872	11	1	M	$1.37½ per day.
	11	1	M	1.50 " "
	11	1	M	2.00 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	1.92½ " "
July 1872	11	1	M	1.37½ " "
	11	1	M	1.50 " "
	11	1	M	2.00 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	1.92½ " "
Jan. 1873	11	1	M	1.37½ " "
	11	1	M	1.50 " "
	11	1	M	1.87½ " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	5	M	1.90 " "
July 1873	11	1	M	1.33⅓ " "
	11	1	M	1.37½ " "
	11	1	M	1.87½ " "
	11	1	M	2.00 " "
	11	1	M	2.50 " "
Average	11	5	M	1.81½ " "
Jan. 1874	11	1	M	1.12½ " "
	11	1	M	1.33⅓ " "
	11	1	M	1.50 " "
	11	2	M	2.00 " "
Average	11	5	M	1.59 " "
July 1874	11	1	M	1.12½ " "
	11	1	M	1.33⅓ " "
	11	1	M	1.68¾ " "
	11	1	M	2.00 " "
	11	1	M	2.25 " "
Average	11	5	M	1.68 " "
Jan. 1875	11	1	M	1.00 " "
	11	1	M	1.41½ " "
	11	1	M	1.68¾ " "
	11	1	M	2.00 " "
	11	1	M	2.25 " "
Average	11	5	M	1.67 " "
July 1875	11	1	M	1.00 " "
	11	1	M	1.50 " "
	11	1	M	1.68¾ " "
	11	1	M	1.75 " "
	11	1	M	2.25 " "
Average	11	5	M	1.63⅓ " "
Jan. 1876	11	1	M	1.25 " "
	11	1	M	1.31⅓ " "
	11	1	M	1.48 " "
	11	1	M	1.58½ " "
	11	1	M	1.98 " "
Average	11	5	M	1.52 " "
July 1876	11	1	M	1.18¾ " "
	11	1	M	1.25 " "
	11	1	M	1.33⅓ " "
	11	1	M	1.58¾ " "
	11	1	M	1.77 " "
Average	11	5	M	1.42½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1877	11	1	M	$1.18½ per day.
	11	2	M	1.33½ " "
	11	1	M	1.58½ " "
	11	1	M	1.77 " "
Average	11	5	M	1.44 " "
July 1877	11	1	M	1.18½ " "
	11	2	M	1.33½ " "
	11	1	M	1.58½ " "
	11	1	M	1.77 " "
Average	11	5	M	1.44 " "
Jan. 1878	11	1	M	1.18½ " "
	11	1	M	1.33½ " "
	11	1	M	1.50 " "
	11	1	M	1.58½ " "
	11	1	M	1.77 " "
Average	11	5	M	1.47½ " "
July 1878	11	1	M	1.18½ " "
	11	1	M	1.33½ " "
	11	1	M	1.50 " "
	11	1	M	1.58½ " "
	11	1	M	1.77 " "
Average	11	5	M	1.47½ " "
Jan. 1879	11	1	M	1.18½ " "
	11	1	M	1.33½ " "
	11	1	M	1.50 " "
	11	1	M	1.58½ " "
	11	1	M	1.77 " "
Average	11	5	M	1.47½ " "
July 1879	11	2	M	1.08½ " "
	11	1	M	1.18½ " "
	11	2	M	1.33½ " "
	11	1	M	1.58½ " "
Average	11	6	M	1.27 " "
Jan. 1880	11	1	M	1.00 " "
	11	2	M	1.08½ " "
	11	1	M	1.16½ " "
	11	1	M	1.50 " "
	11	1	M	1.58½ " "
Average	11	6	M	1.23½ " "
July 1880	11	3	M	1.08½ " "
	11	1	M	1.29 " "
	11	1	M	1.62½ " "
	11	1	M	2.00 " "
Average	11	6	M	1.36 " "
Jan. 1881	11	3	M	1.08½ " "
	11	1	M	1.33½ " "
	11	1	M	1.62½ " "
	11	1	M	2.00 " "
Average	11	6	M	1.37 " "
July 1881	11	2	M	1.08½ " "
	11	1	M	1.25 " "
	11	1	M	1.33½ " "
	11	1	M	1.62½ " "
	11	1	M	2.00 " "
Average	11	6	M	1.39½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	11	2	M	$1.08½ per day.
	11	2	M	1.33½ " "
	11	1	M	1.62½ " "
	11	1	M	2.00 " "
Average	11	6	M	1.41 " "
July 1882	11	1	M	1.08½ " "
	11	2	M	1.33½ " "
	11	1	M	1.46 " "
	11	1	M	2.00 " "
Average	11	5	M	1.44½ " "
Jan. 1883	11	1	M	1.08½ " "
	11	1	M	1.16½ " "
	11	2	M	1.46 " "
	11	1	M	1.83½ " "
Average	11	5	M	1.40 " "
July 1883	11	1	M	1.08½ " "
	11	1	M	1.16½ " "
	11	2	M	1.46 " "
	11	1	M	1.83½ " "
Average	11	5	M	1.40 " "
Jan. 1884	11	1	M	1.08½ " "
	11	1	M	1.16½ " "
	11	2	M	1.46 " "
	11	1	M	1.83½ " "
Average	11	5	M	1.40 " "
July 1884	11	2	M	1.08½ " "
	11	2	M	1.46 " "
	11	1	M	1.83½ " "
Average	11	5	M	1.38½ " "
Jan. 1885	11	1	M	.98 " "
	11	1	M	1.08½ " "
	11	2	M	1.33½ " "
	11	1	M	1.65 " "
Average	11	5	M	1.27½ " "
July 1885	11	1	M	.98 " "
	11	1	M	1.08½ " "
	11	2	M	1.33½ " "
	11	1	M	1.65 " "
Average	11	5	M	1.27½ " "
Jan. 1886	11	2	M	1.08½ " "
	11	1	M	1.33½ " "
	11	2	M	1.41½ " "
Average	11	5	M	1.26½ " "
July 1886	10	1	M	1.00 " "
	10	1	M	1.08½ " "
	10	2	M	1.41½ " "
	10	1	M	1.58½ " "
Average	10	5	M	1.30 " "
Jan. 1887	10	1	M	1.00 " "
	10	1	M	1.08½ " "
	10	2	M	1.41½ " "
	10	1	M	1.58½ " "
Average	10	5	M	1.30 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

SECOND HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887	10	1	M	$1.00 per day.	July 1889–conc'd.	10	1	M	$1.58½ per day.
	10	1	M	1.08½ " "		10	1	M	1.66½ " "
	10	2	M	1.41½ " "	Average	10	5	M	1.38½ " "
	10	1	M	1.58½ " "					
Average	10	5	M	1.30 " "	Jan. 1890	10	1	M	1.08½ " "
						10	1	M	1.16½ " "
Jan. 1888	10	1	M	1.00 " "		10	1	M	1.50 " "
	10	1	M	1.08½ " "		10	1	M	1.58½ " "
	10	2	M	1.41½ " "		10	1	M	1.75 " "
	10	1	M	1.58½ " "	Average	10	5	M	1.41½ " "
Average	10	5	M	1.30 " "	July 1890	10	1	M	1.08½ " "
						10	1	M	1.16½ " "
July 1888	10	1	M	1.00 " "		10	1	M	1.50 " "
	10	1	M	1.08½ " "		10	1	M	1.66½ " "
	10	1	M	1.41½ " "		10	1	M	1.75 " "
	10	1	M	1.50 " "	Average	10	5	M	1.43½ " "
	10	1	M	1.58½ " "					
Average	10	5	M	1.31½ " "	Jan. 1891	10	1	M	1.08½ " "
						10	1	M	1.50 " "
Jan. 1889	10	1	M	1.00 " "		10	1	M	1.66½ " "
	10	1	M	1.08½ " "		10	2	M	1.75 " "
	10	1	M	1.41½ " "	Average	10	5	M	1.55 " "
	10	1	M	1.50 " "					
	10	1	M	1.58½ " "	July 1891	10	1	M	1.08½ " "
						10	2	M	1.66½ " "
Average	10	5	M	1.31½ " "		10	2	M	1.75 " "
July 1889	10	2	M	1.08½ " "	Average	10	5	M	1.58½ " "
	10	1	M	1.50 " "					

SLUBBER TENDERS.

Jan. 1853	12	2	F	.70 per day.	Jan. 1874	11	2	F	1.13 per day.
July 1853	12	2	F	.70 " "	July 1874	11	2	F	1.13 " "
Jan. 1854	12	2	F	.80 " "	Jan. 1875	11	2	F	.95 " "
July 1854	12	2	F	.78 " "	July 1875	11	2	F	.96 " "
Jan. 1855	12	2	F	.80 " "	Jan. 1876	11	2	F	.94 " "
July 1855	12	2	F	.74 " "	July 1876	11	2	F	1.07 " "
Jan. 1856	12	2	F	.72 " "	Jan. 1877	11	2	F	.86 " "
July 1856	12	2	F	.82 " "	July 1877	11	2	F	.91 " "
Jan. 1857	12	2	F	.90 " "	Jan. 1878	11	2	F	.94 " "
July 1857	12	2	F	.78 " "	July 1878	11	2	F	.96 " "
Jan. 1858	12	2	F	.72 " "	Jan. 1879	11	2	F	.87 " "
July 1858	12	2	F	.78 " "	July 1879	11	2	F	.70 " "
Jan. 1859	12	2	F	.71 " "	Jan. 1880	11	2	F	.80 " "
July 1859	12	2	F	.72 " "	July 1880	11	2	F	1.00 " "
Jan. 1860	12	2	F	.76 " "	Jan. 1881	11	2	F	.98 " "
July 1860	12	2	F	.79 " "	July 1881	11	2	F	.96 " "
Jan. 1861	12	2	F	.78 " "	Jan. 1882	11	2	F	.95 " "
July 1861	12	2	F	.89 " "	July 1882	11	2	F	.92 " "
Jan. 1862	12	2	F	.71 " "	Jan. 1883	11	2	F	.80 " "
July 1862	12	2	F	.68 " "	July 1883	11	2	F	.89 " "
July 1865	12	2	F	1.06 " "	Jan. 1884	11	2	F	.89 " "
Jan. 1866	12	2	F	1.02 " "	July 1884	11	2	F	.91 " "
July 1866	12	2	F	1.10 " "	Jan. 1885	11	2	F	.71 " "
Jan. 1867	12	3	F	1.20 " "	July 1885	11	2	F	.83 " "
July 1867	11	3	F	1.28 " "	Jan. 1886	11	2	F	.75 " "
Jan. 1868	11	3	F	1.24 " "	July 1880	10	2	F	.74 " "
July 1868	11	3	F	1.18 " "	Jan. 1887	10	2	F	.77 " "
Jan. 1869	11	2	F	1.32 " "	July 1887	10	2	F	.75 " "
July 1869	11	2	F	1.27 " "	Jan. 1888	10	2	F	.76 " "
Jan. 1870	11	2	F	1.19 " "	July 1888	10	2	F	.78 " "
July 1870	11	2	F	1.15 " "	Jan. 1889	10	2	F	.82 " "
Jan. 1871	11	2	F	1.17 " "	July 1889	10	2	F	.80 " "
July 1871	11	2	F	1.18 " "	Jan. 1890	10	2	F	.82 " "
Jan. 1872	11	2	F	1.22 " "	July 1890	10	2	F	.87 " "
July 1872	11	2	F	1.26 " "	Jan. 1891	10	2	F	.86 " "
Jan. 1873	11	2	F	1.24 " "	July 1891	10	2	F	.91 " "
July 1873	11	2	F	1.23 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

SPEEDER TENDERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1853	12	6	F	$0.70 per day.	Jan. 1874	11	6	F	$0.84 per day.
July 1853	12	6	F	.70 " "	July 1874	11	6	F	1.03 " "
Jan. 1854	12	6	F	.70 " "	Jan. 1875	11	6	F	.72 " "
July 1854	12	6	F	.70 " "	July 1875	11	6	F	.91 " "
Jan. 1855	12	6	F	.70 " "	Jan. 1876	11	6	F	.85 " "
July 1855	12	6	F	.65 " "	July 1876	11	6	F	.80 " "
Jan. 1856	12	6	F	.70 " "	Jan. 1877	11	6	F	.77 " "
July 1856	12	6	F	.81 " "	July 1877	11	6	F	.78 " "
Jan. 1857	12	6	F	.76 " "	Jan. 1878	11	6	F	.74 " "
July 1857	12	6	F	.68 " "	July 1878	11	6	F	.79 " "
Jan. 1858	12	6	F	.60 " "	Jan. 1879	11	6	F	.73 " "
July 1858	12	6	F	.68 " "	July 1879	11	6	F	.62 " "
Jan. 1859	12	6	F	.65 " "	Jan. 1880	11	6	F	.72 " "
July 1859	12	6	F	.65 " "	July 1880	11	6	F	.89 " "
Jan. 1860	12	6	F	.70 " "	Jan. 1881	11	6	F	.80 " "
July 1860	12	6	F	.73 " "	July 1881	11	6	F	.78 " "
Jan. 1861	12	6	F	.73 " "	Jan. 1882	11	6	F	.79 " "
July 1861	12	6	F	.83 " "	July 1882	11	6	F	.80 " "
Jan. 1862	12	6	F	.66 " "	Jan. 1883	11	6	F	.72 " "
July 1862	12	6	F	.63 " "	July 1883	11	6	F	.81 " "
July 1865	12	6	F	.90 " "	Jan. 1884	11	6	F	.79 " "
Jan. 1866	12	6	F	.81 " "	July 1884	11	6	F	.78 " "
July 1866	12	6	F	.70 " "	Jan. 1885	11	6	F	.68 " "
Jan. 1867	12	7	F	1.04 " "	July 1885	11	6	F	.74 " "
July 1867	11	7	F	1.15 " "	Jan. 1886	11	6	F	.66 " "
Jan. 1868	11	7	F	1.14 " "	July 1886	10	6	F	.65 " "
July 1868	11	7	F	1.14 " "	Jan. 1887	10	6	F	.68 " "
Jan. 1869	11	7	F	1.20 " "	July 1887	10	6	F	.70 " "
July 1869	11	7	F	1.10 " "	Jan. 1888	10	6	F	.70 " "
Jan. 1870	11	7	F	1.02 " "	July 1888	10	6	F	.71 " "
July 1870	11	7	F	1.04 " "	Jan. 1889	10	6	F	.70 " "
Jan. 1871	11	7	F	1.08 " "	July 1889	10	6	F	.70 " "
July 1871	11	7	F	1.13 " "	Jan. 1890	10	6	F	.74 " "
Jan. 1872	11	6	F	1.05 " "	July 1890	10	6	F	.79 " "
July 1872	11	6	F	1.07 " "	Jan. 1891	10	6	F	.80 " "
Jan. 1873	11	6	F	1.14 " "	July 1891	10	6	F	.79 " "
July 1873	11	6	F	1.16 " "					

SPINNERS, FRAME.

Jan. 1853	12	8	F	.29 per day.	July 1871	11	15	F	.66⅓ per day.
July 1853	12	15	F	.41½ " "	Jan. 1872	11	15	F	.66⅔ " "
Jan. 1854	12	15	F	.41½ " "	July 1872	11	15	F	.66⅔ " "
July 1854	12	15	F	.41⅔ " "	Jan. 1873	11	15	F	.66⅔ " "
Jan. 1855	12	15	F	.41⅔ " "	July 1873	11	15	F	.79 " "
July 1855	12	15	F	.41½ " "	Jan. 1874	11	15	F	.71 " "
Jan. 1856	12	15	F	.41⅔ " "	July 1874	11	15	F	.75 " "
July 1856	12	15	F	.41½ " "	Jan. 1875	11	15	F	.75 " "
Jan. 1857	12	15	F	.41⅔ " "	July 1875	11	15	F	.75 " "
July 1857	12	15	F	.41⅔ " "	Jan. 1876	11	15	F	.64⅓ " "
Jan. 1858	12	15	F	.33⅓ " "	July 1876	11	15	F	.64⅓ " "
July 1858	12	15	F	.38 " "	Jan. 1877	11	15	F	.60⅔ " "
Jan. 1859	12	15	F	.38 " "	July 1877	11	15	F	.60⅔ " "
July 1859	12	15	F	.36⅔ " "	Jan. 1878	11	15	F	.60⅔ " "
Jan. 1860	12	15	F	.36⅔ " "	July 1878	11	15	F	.62⅔ " "
July 1860	12	15	F	.36⅔ " "	Jan. 1879	11	15	F	.66⅔ " "
Jan. 1861	12	15	F	.36⅔ " "	July 1879	11	15	F	.54 " "
July 1861	12	15	F	.36⅔ " "	Jan. 1880	11	15	F	.66⅓ " "
Jan. 1862	12	15	F	.48⅔ " "	July 1880	11	15	F	.66⅔ " "
July 1862	12	15	F	.31⅔ " "	Jan. 1881	11	15	F	.66⅔ " "
July 1865	12	15	F	.50 " "	July 1881	11	15	F	.66⅔ " "
Jan. 1866	12	15	F	.50 " "	Jan. 1882	11	15	F	.66⅔ " "
July 1866	12	15	F	.50 " "	July 1882	11	15	F	.66⅔ " "
Jan. 1867	12	15	F	.52 " "	Jan. 1883	11	15	F	.66⅔ " "
July 1867	11	15	F	.52 " "	July 1883	11	15	F	.66⅔ " "
Jan. 1868	11	15	F	.52 " "	Jan. 1884	11	15	F	.71 " "
July 1868	11	15	F	.52 " "	July 1884	11	15	F	.71 " "
Jan. 1869	11	15	F	.52 " "	Jan. 1885	11	15	F	.66⅔ " "
July 1869	11	15	F	.52 " "	July 1885	11	15	F	.66⅔ " "
Jan. 1870	11	15	F	.54 " "	Jan. 1886	11	15	F	.66⅔ " "
July 1870	11	15	F	.58⅓ " "	July 1886	10	13	F	.66⅔ " "
Jan. 1871	11	15	F	.66⅔ " "	Jan. 1887	10	13	F	.79 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

SPINNERS, FRAME—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887	10	13	F	$0.83⅓ per day.	Jan. 1890	10	8	F	$0.89½ per day.
Jan. 1888	10	13	F	.83⅓ " "	July 1890	10	8	F	1.00 " "
July 1888	10	11	F	.83⅓ " "	Jan. 1891	10	8	F	1.00 " "
Jan. 1889	10	10	F	.89½ " "	July 1891	10	8	F	1.00 " "
July 1889	10	9	F	.89½ " "					

SPINNERS, MULE.

Jan. 1853	12	6	M	.66⅔ per day.	Jan. 1874	11	6	M	1.50 per day
July 1853	12	6	M	.66⅔ " "	July 1874	11	6	M	1.50 " "
Jan. 1854	12	6	M	.66⅔ " "	Jan. 1875	11	4	M	1.68¾ " "
July 1854	12	6	M	.66⅔ " "	July 1875	11	4	M	1.68¾ " "
Jan. 1855	12	6	M	.75 " "	Jan. 1876	11	4	M	1.48 " "
July 1855	12	6	M	.75 " "	July 1876	11	4	M	1.48 " "
Jan. 1856	12	6	M	.75 " "	Jan. 1877	11	4	M	1.33⅓ " "
July 1856	12	6	M	.75 " "	July 1877	11	4	M	1.33⅓ " "
Jan. 1857	12	6	M	.75 " "	Jan. 1878	11	4	M	1.33⅓ " "
July 1857	12	6	M	.75 " "	July 1878	11	4	M	1.33⅓ " "
Jan. 1858	12	6	M	.62½ " "	Jan. 1879	11	4	M	1.33⅓ " "
July 1858	12	6	M	.62½ " "	July 1879	11	4	M	1.33⅓ " "
Jan. 1859	12	6	M	.66⅔ " "	Jan. 1880	11	4	M	1.37½ " "
July 1859	12	6	M	.66⅔ " "	July 1880	11	4	M	1.50 " "
Jan. 1860	12	6	M	.72½ " "	Jan. 1881	11	4	M	1.50 " "
July 1860	12	6	M	.72½ " "	July 1881	11	4	M	1.50 " "
Jan. 1861	12	6	M	.75 " "	Jan. 1882	11	4	M	1.75 " "
July 1861	12	6	M	.75 " "	July 1882	11	4	M	1.75 " "
Jan. 1862	12	6	M	.75 " "	Jan. 1883	11	4	M	1.75 " "
July 1862	12	3	M	.75 " "	July 1883	11	4	M	1.75 " "
July 1865	12	6	M	1.25 " "	Jan. 1884	11	4	M	1.65 " "
Jan. 1866	12	6	M	1.37½ " "	July 1884	11	4	M	1.65 " "
July 1866	12	6	M	1.37½ " "	Jan. 1885	11	4	M	1.65 " "
Jan. 1867	12	6	M	1.50 " "	July 1885	11	4	M	1.65 " "
July 1867	11	6	M	1.50 " "	Jan. 1886	11	4	M	1.65 " "
Jan. 1868	11	6	M	1.50 " "	July 1886	10	4	M	1.65 " "
July 1868	11	6	M	1.50 " "	Jan. 1887	10	4	M	1.50 " "
Jan. 1869	11	6	M	1.75 " "	July 1887	10	4	M	1.50 " "
July 1869	11	6	M	1.75 " "	Jan. 1888	10	4	M	1.50 " "
Jan. 1870	11	6	M	1.75 " "	July 1888	10	4	M	1.65 " "
July 1870	11	6	M	1.75 " "	Jan. 1889	10	4	M	1.50 " "
Jan. 1871	11	6	M	1.75 " "	July 1889	10	4	M	1.80 " "
July 1871	11	6	M	1.75 " "	Jan. 1890	10	4	M	1.80 " "
Jan. 1872	11	6	M	1.75 " "	July 1890	10	4	M	1.79½ " "
July 1872	11	6	M	1.75 " "	Jan. 1891	10	4	M	1.90½ " "
Jan. 1873	11	6	M	1.75 " "	July 1891	10	4	M	1.84 " "
July 1873	11	6	M	1.75 " "					

SPOOLERS.

Jan. 1853	12	8	F	.35½ per day.	July 1866	12	12	F	.50 per day.
July 1853	12	10	F	.41⅔ " "	Jan. 1867	12	13	F	.52 " "
Jan. 1854	12	10	F	.41⅔ " "	July 1867	11	14	F	.60½ " "
July 1854	12	10	F	.41⅔ " "	Jan. 1868	11	14	F	.60½ " "
Jan. 1855	12	10	F	.41⅔ " "	July 1868	11	14	F	.60½ " "
July 1855	12	10	F	.42½ " "	Jan. 1869	11	14	F	.60½ " "
Jan. 1856	12	10	F	.42½ " "	July 1869	11	13	F	.60½ " "
July 1856	12	10	F	.42½ " "	Jan. 1870	11	13	F	.60½ " "
Jan. 1857	12	10	F	.46 " "	July 1870	11	12	F	.60½ " "
July 1857	12	10	F	.46 " "	Jan. 1871	11	12	F	.60½ " "
Jan. 1858	12	11	F	.85½ " "	July 1871	11	12	F	.60½ " "
July 1858	12	12	F	.39½ " "	Jan 1872	11	12	F	.66⅔ " "
Jan. 1859	12	12	F	.39½ " "	July 1872	11	12	F	.66⅔ " "
July 1859	12	12	F	.39½ " "	Jan. 1873	11	12	F	.66⅔ " "
Jan. 1860	12	12	F	.39½ " "	July 1873	11	12	F	.66⅔ " "
July 1860	12	12	F	.39½ " "	Jan. 1874	11	12	F	.62½ " "
Jan. 1861	12	10	F	.39½ " "	July 1874	11	12	F	.64⅔ " "
July 1861	12	10	F	.39½ " "	Jan. 1875	11	8	F	.64⅔ " "
Jan. 1862	12	7	F	.39½ " "	July 1875	11	8	F	.64⅔ " "
July 1862	12	7	F	.39½ " "	Jan. 1876	11	8	F	.64⅔ " "
July 1865	12	12	F	.66⅔ " "	July 1876	11	8	F	.64⅔ " "
Jan. 1866	12	12	F	.66⅔ " "	Jan. 1877	11	8	F	.60½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

SPOOLERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1877	11	8	F	$0.60½ per day.	Jan. 1885	11	8	F	$0.71 per day.
Jan. 1878	11	8	F	.60½ " "	July 1885	11	8	F	.71 " "
July 1878	11	8	F	.60½ " "	Jan. 1886	11	8	F	.66½ " "
Jan. 1879	11	8	F	.60½ " "	July 1886	10	8	F	.66½ " "
July 1879	11	8	F	.54 " "	Jan. 1887	10	8	F	.75 " "
Jan. 1880	11	8	F	.60½ " "	July 1887	10	8	F	.91½ " "
July 1880	11	8	F	.70 " "	Jan. 1888	10	6	F	.89½ " "
Jan. 1881	11	8	F	.70 " "	July 1888	10	6	F	.89½ " "
July 1881	11	8	F	.75 " "	Jan. 1889	10	6	F	.79 " "
Jan. 1882	11	8	F	.75 " "	July 1889	10	6	F	.79 " "
July 1882	11	8	F	.75 " "	Jan. 1890	10	6	F	.87½ " "
Jan. 1883	11	8	F	.75 " "	July 1890	10	6	F	1.00 " "
July 1883	11	8	F	.75 " "	Jan. 1891	10	6	F	1.00 " "
Jan. 1884	11	8	F	.75 " "	July 1891	10	6	F	1.00 " "
July 1884	11	8	F	.75 " "					

WARPERS.

Jan. 1853	12	2	F	.50 per day.	Jan. 1874	11	2	F	1.01½ per day.
July 1853	12	2	F	.50 " "	July 1874	11	2	F	1.04 " "
Jan. 1854	12	2	F	.62½ " "	Jan. 1875	11	2	F	1.05 " "
July 1854	12	3	F	.50 " "	July 1875	11	2	F	1.12½ " "
Jan. 1855	12	3	F	.52 " "	Jan. 1876	11	2	F	.98 " "
July 1855	12	3	F	.67½ " "	July 1876	11	2	F	.87½ " "
Jan. 1856	12	3	F	.68½ " "	Jan. 1877	11	2	F	.87½ " "
July 1856	12	3	F	.70 " "	July 1877	11	2	F	.87½ " "
Jan. 1857	12	3	F	.76 " "	Jan. 1878	11	2	F	.87½ " "
July 1857	12	3	F	.73½ " "	July 1878	11	2	F	.87½ " "
Jan. 1858	12	3	F	.60 " "	Jan. 1879	11	2	F	.87½ " "
July 1858	12	3	F	.73½ " "	July 1879	11	2	F	.75 " "
Jan. 1859	12	3	F	.70 " "	Jan. 1880	11	2	F	.87½ " "
July 1859	12	5	F	.73½ " "	July 1880	11	2	F	.96 " "
Jan. 1860	12	4	F	.72½ " "	Jan. 1881	11	2	F	.96 " "
July 1860	12	3	F	.73½ " "	July 1881	11	2	F	.96 " "
Jan. 1861	12	3	F	.78 " "	Jan. 1882	11	2	F	.96 " "
July 1861	12	3	F	.68½ " "	July 1882	11	2	F	.96 " "
Jan. 1862	12	2	F	.70 " "	Jan. 1883	11	2	F	.83½ " "
July 1862	12	2	F	.53 " "	July 1883	11	2	F	.83½ " "
July 1865	12	3	F	.83½ " "	Jan. 1884	11	2	F	.83½ " "
Jan. 1866	12	3	F	1.00½ " "	July 1884	11	2	F	.83½ " "
July 1866	12	3	F	1.01 " "	Jan. 1885	11	2	F	.81½ " "
Jan. 1867	12	3	F	1.00 " "	July 1885	11	2	F	.81½ " "
July 1867	11	3	F	1.08 " "	Jan. 1886	11	2	F	.82½ " "
Jan. 1868	11	3	F	1.16½ " "	July 1886	10	2	F	.82½ " "
July 1868	11	3	F	1.06½ " "	Jan. 1887	10	2	F	.82½ " "
Jan. 1869	11	3	F	1.05 " "	July 1887	10	2	F	.91½ " "
July 1869	11	3	F	1.03½ " "	Jan. 1888	10	2	F	.91½ " "
Jan. 1870	11	3	F	1.05 " "	July 1888	10	2	F	.91½ " "
July 1870	11	3	F	1.08½ " "	Jan. 1889	10	2	F	.91½ " "
Jan. 1871	11	3	F	1.16½ " "	July 1889	10	2	F	.91½ " "
July 1871	11	3	F	1.16½ " "	Jan. 1890	10	2	F	.91½ " "
Jan. 1872	11	3	F	1.20 " "	July 1890	10	2	F	.91½ " "
July 1872	11	3	F	1.21 " "	Jan. 1891	10	2	F	.91½ " "
Jan. 1873	11	3	F	1.21½ " "	July 1891	10	2	F	.91½ " "
July 1873	11	3	F	1.22 " "					

WASTE CARRIERS (boys).

Jan. 1853	12	2	M	.33½ per day.	July 1859	12	2	M	.33½ per day.
July 1853	12	2	M	.37½ " "	Jan. 1860	12	2	M	.33½ " "
Jan. 1854	12	2	M	.37½ " "	July 1860	12	2	M	.35½ " "
July 1854	12	2	M	.37½ " "	Jan. 1861	12	2	M	.35½ " "
Jan. 1855	12	2	M	.41½ " "	July 1861	12	2	M	.35½ " "
July 1855	12	2	M	41½ " "	Jan. 1862	12	2	M	.35½ " "
Jan. 1856	12	2	M	41½ " "	July 1862	12	2	M	.35½ " "
July 1856	12	2	M	.41½ " "	July 1865	12	2	M	.46 " "
Jan. 1857	12	2	M	.41½ " "	Jan. 1866	12	2	M	.46 " "
July 1857	12	2	M	.41½ " "	July 1866	12	2	M	.46 " "
Jan. 1858	12	2	M	.37½ " "	Jan. 1867	12	2	M	.43½ " "
July 1858	12	2	M	.37½ " "	July 1867	11	2	M	.43½ " "
Jan. 1859	12	2	M	.37½ " "	Jan. 1868	11	2	M	.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

WASTE CARRIERS (boys)—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868	11	2	M	$0.50 per day.	July 1880	11	2	M	$0.46 per day
Jan. 1869	11	2	M	.50 " "	Jan. 1881	11	2	M	.46 " "
July 1869	11	2	M	.50 " "	July 1881	11	2	M	.46 " "
Jan. 1870	11	2	M	.50 " "	Jan. 1882	11	2	M	.46 " "
July 1870	11	2	M	.58½ " "	July 1882	11	2	M	.41½ " "
Jan. 1871	11	2	M	.58½ " "	Jan. 1883	11	2	M	.50 " "
July 1871	11	2	M	.58½ " "	July 1883	11	2	M	.50 " "
Jan. 1872	11	2	M	.58½ " "	Jan. 1884	11	2	M	.50 " "
July 1872	11	2	M	.58½ " "	July 1884	11	2	M	.58½ " "
Jan. 1873	11	2	M	.58½ " "	Jan. 1885	11	2	M	50 " "
July 1873	11	2	M	.66⅔ " "	July 1885	11	2	M	.50 " "
Jan. 1874	11	2	M	.58½ " "	Jan. 1886	11	2	M	.52 " "
July 1874	11	2	M	.58½ " "	July 1886	10	2	M	.50 " "
Jan. 1875	11	2	M	.58½ " "	Jan. 1887	10	2	M	.50 " "
July 1875	11	2	M	.58½ " "	July 1887	10	2	M	.50 " "
Jan. 1876	11	2	M	.41⅔ " "	Jan. 1888	10	1	M	.66⅔ " "
July 1876	11	2	M	.39½ " "	July 1888	10	1	M	.66⅔ " "
Jan. 1877	11	2	M	.39½ " "	Jan. 1889	10	1	M	.66⅔ " "
July 1877	11	2	M	.39½ " "	July 1889	10	1	M	.66⅔ " "
Jan. 1878	11	2	M	.39½ " "	Jan. 1890	10	1	M	.66⅔ " "
July 1878	11	2	M	.39½ " "	July 1890	10	1	M	.66⅔ " "
Jan. 1879	11	2	M	.39½ " "	Jan. 1891	10	1	M	.66⅔ " "
July 1879	11	2	M	.39½ " "	July 1891	10	1	M	.66⅔ " "
Jan. 1880	11	2	M	.39½ " "					

WASTE PICKERS (boys).

Jan. 1853	12	1	M	.25 per day.	Jan. 1874	11	1	M	.62½ per day.
July 1853	12	1	M	.25 " "	July 1874	11	1	M	.62½ " "
Jan. 1854	12	1	M	.33⅓ " "	Jan. 1875	11	1	M	.64⅔ " "
July 1854	12	1	M	.33⅓ " "	July 1875	11	1	M	.64⅔ " "
Jan. 1855	12	1	M	.33⅓ " "	Jan. 1876	11	1	M	.50 " "
July 1855	12	1	M	.33⅓ " "	July 1876	11	1	M	.50 " "
Jan. 1856	12	1	M	.33½ " "	Jan. 1877	11	1	M	.48 " "
July 1856	12	1	M	.33½ " "	July 1877	11	1	M	.48 " "
Jan. 1857	12	1	M	.29 " "	Jan. 1878	11	1	M	.48 " "
July 1857	12	1	M	.29 " "	July 1878	11	1	M	.48 " "
Jan. 1858	12	1	M	.29 " "	Jan. 1879	11	1	M	.50 " "
July 1858	12	1	M	.25 " "	July 1879	11	1	M	.50 " "
Jan. 1859	12	1	M	.25 " "	Jan. 1880	11	1	M	.52 " "
July 1859	12	1	M	.25 " "	July 1880	11	1	M	.56⅔ " "
Jan. 1860	12	1	M	.29 " "	Jan. 1881	11	1	M	.66⅔ " "
July 1860	12	1	M	.29 " "	July 1881	11	1	M	.66⅔ " "
Jan. 1861	12	1	M	.29 " "	Jan. 1882	11	1	M	.66⅔ " "
July 1861	12	1	M	.29 " "	July 1882	11	1	M	.66⅔ " "
Jan. 1862	12	1	M	.29 " "	Jan. 1883	11	1	M	.58½ " "
July 1862	12	1	M	.25 " "	July 1883	11	1	M	.58½ " "
July 1865	12	1	M	.50 " "	Jan. 1884	11	1	M	.58½ " "
Jan. 1866	12	1	M	.58½ " "	July 1884	11	1	M	.58½ " "
July 1866	12	1	M	.58½ " "	Jan. 1885	11	1	M	.46 " "
Jan. 1867	12	1	M	.60½ " "	July 1885	11	1	M	.46 " "
July 1867	11	1	M	.60½ " "	Jan. 1886	11	1	M	.46 " "
Jan. 1868	11	1	M	.60½ " "	July 1886	10	1	M	.46 " "
July 1868	11	1	M	.60½ " "	Jan. 1887	10	1	M	.46 " "
Jan. 1869	11	1	M	.66⅔ " "	July 1887	10	1	M	.46 " "
July 1869	11	1	M	.66⅔ " "	Jan. 1888	10	1	M	.46 " "
Jan. 1870	11	1	M	.66⅔ " "	July 1888	10	1	M	.46 " "
July 1870	11	1	M	.66⅔ " "	Jan. 1889	10	1	M	.46 " "
Jan. 1871	11	1	M	.66⅔ " "	July 1889	10	1	M	.46 " "
July 1871	11	1	M	.66⅔ " "	Jan. 1890	10	1	M	.50 " "
Jan. 1872	11	1	M	.66⅔ " "	July 1890	10	1	M	.58½ " "
July 1872	11	1	M	.66⅔ " "	Jan. 1891	10	1	M	.58½ " "
Jan. 1873	11	1	M	.66⅔ " "	July 1891	10	1	M	.58½ " "
July 1873	11	1	M	.62½ " "					

WATCHMEN.

Jan. 1853	12	1	M	.57 per day.	Jan. 1855	12	1	M	.64⅓ per day.
July 1853	12	1	M	.57 " "	July 1855	12	1	M	.71⅓ " "
Jan. 1854	12	1	M	.64⅓ " "	Jan. 1856	12	1	M	.71⅓ " "
July 1854	12	1	M	.64⅓ " "	July 1856	12	1	M	.71⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

WATCHMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1857	12	1	M	$0.71½ per day.	Jan. 1876	12	1	M	$1.12½ per day.
July 1857	12	1	M	.71½ " "	July 1876	12	1	M	1.12½ " "
Jan. 1858	12	1	M	.64½ " "	Jan. 1877	12	1	M	1.02 " "
July 1858	12	1	M	.64½ " "	July 1877	12	1	M	1.02 " "
Jan. 1859	12	1	M	.64½ " "	Jan. 1878	12	1	M	1.02 " "
July 1859	12	1	M	.64½ " "	July 1878	12	1	M	1.02 " "
Jan. 1860	12	1	M	.64½ " "	Jan. 1879	12	1	M	1.02 " "
July 1860	12	1	M	.64½ " "	July 1879	12	1	M	1.02 " "
Jan. 1861	12	1	M	.64½ " "	Jan. 1880	12	1	M	1.02 " "
July 1861	12	1	M	.64½ " "	July 1880	12	1	M	1.12 " "
Jan. 1862	12	1	M	.64½ " "	Jan. 1881	12	1	M	1.12 " "
July 1862	12	1	M	.64½ " "	July 1881	12	1	M	1.12 " "
July 1865	12	1	M	1.28½ " "	Jan. 1882	12	1	M	1.00 " "
Jan. 1866	12	1	M	1.28½ " "	July 1882	12	1	M	1.00 " "
July 1866	12	1	M	1.28½ " "	Jan. 1883	12	1	M	1.00 " "
Jan. 1867	12	1	M	1.28½ " "	July 1883	12	1	M	1.00 " "
July 1867	12	1	M	1.28½ " "	Jan. 1884	12	1	M	1.00 " "
Jan. 1868	12	1	M	1.28½ " "	July 1884	12	1	M	1.00 " "
July 1868	12	1	M	1.28½ " "	Jan. 1885	12	1	M	1.00 " "
Jan. 1869	12	1	M	1.28½ " "	July 1885	12	1	M	1.00 " "
July 1869	12	1	M	1.28½ " "	Jan. 1886	12	1	M	1.14½ " "
Jan. 1870	12	1	M	1.28½ " "	July 1886	12	1	M	1.14½ " "
July 1870	12	1	M	1.28½ " "	Jan. 1887	12	1	M	1.14½ " "
Jan. 1871	12	1	M	1.28½ " "	July 1887	12	1	M	1.14½ " "
July 1871	12	1	M	1.28½ " "	Jan. 1888	12	1	M	1.14½ " "
Jan. 1872	12	1	M	1.28½ " "	July 1888	12	1	M	1.14½ " "
July 1872	12	1	M	1.28½ " "	Jan. 1889	12	1	M	1.14½ " "
Jan. 1873	12	1	M	1.28½ " "	July 1889	12	1	M	1.14½ " "
July 1873	12	1	M	1.28½ " "	Jan. 1890	12	1	M	1.14½ " "
Jan. 1874	12	1	M	1.28½ " "	July 1890	12	1	M	1.21½ " "
July 1874	12	1	M	1.28½ " "	Jan. 1891	12	1	M	1.21½ " "
Jan. 1875	12	1	M	1.28½ " "	July 1891	12	1	M	1.35½ " "
July 1875	12	1	M	1.28½ " "					

WEAVERS, 3 AND 4 LOOM.

Jan. 1853	12	8	F	.30 per day.	July 1874	11	10	F	.65 per day.
July 1853	12	13	F	.30 " "	Jan. 1875	11	6	F	.63 " "
Jan. 1854	12	6	F	.30 " "	July 1875	11	7	F	.64 " "
July 1854	12	5	F	.30 " "	Jan. 1876	11	9	F	.60 " "
Jan. 1855	12	20	F	.50 " "	July 1876	11	10	F	.58 " "
July 1855	12	4	F	.50 " "	Jan. 1877	11	10	F	.57 " "
Jan. 1856	12	9	F	.50 " "	July 1877	11	11	F	.62 " "
July 1856	12	6	F	.50 " "	Jan. 1878	11	18	F	.63 " "
Jan. 1857	12	8	F	.50 " "	July 1878	11	19	F	.56 " "
July 1857	12	4	F	.50 " "	Jan. 1879	11	15	F	.60 " "
Jan. 1858	12	3	F	.40 " "	July 1879	11	15	F	.63 " "
July 1858	12	10	F	.45 " "	Jan. 1880	11	9	F	.60 " "
Jan. 1859	12	8	F	.40 " "	July 1880	11	5	F	.56 " "
July 1859	12	7	F	.40 " "	Jan. 1881	11	6	F	.62 " "
Jan. 1860	12	3	F	.40 " "	July 1881	11	5	F	.55 " "
July 1860	12	4	F	.40 " "	Jan. 1882	11	3	F	.60 " "
Jan. 1861	12	5	F	.40 " "	July 1882	11	8	F	.54 " "
July 1865	12	9	F	.50 " "	Jan. 1883	11	6	F	.50 " "
Jan. 1866	12	14	F	.50 " "	July 1883	11	8	F	.53 " "
July 1866	12	9	F	.60 " "	Jan. 1884	11	9	F	.61 " "
Jan. 1867	12	11	F	.53 " "	July 1884	11	8	F	.64 " "
July 1867	11	8	F	.50 " "	Jan. 1885	11	22	F	.67 " "
Jan. 1868	11	8	F	.56 " "	July 1885	11	8	F	.63 " "
July 1868	11	8	F	.60 " "	Jan. 1886	11	8	F	.60 " "
Jan. 1869	11	7	F	.60 " "	July 1886	10	13	F	.58 " "
July 1869	11	8	F	.60 " "	Jan. 1887	10	20	F	.57 " "
Jan. 1870	11	7	F	.63 " "	July 1887	10	12	F	.55 " "
July 1870	11	10	F	.64 " "	Jan. 1888	10	8	F	.54 " "
Jan. 1871	11	5	F	.62 " "	July 1888	10	6	F	.60 " "
July 1871	11	8	F	.60 " "	Jan. 1889	10	6	F	.62 " "
Jan. 1872	11	6	F	.64 " "	July 1889	10	4	F	.58 " "
July 1872	11	4	F	.66 " "	Jan. 1890	10	6	F	.64 " "
Jan. 1873	11	7	F	.63 " "	July 1890	10	6	F	.65 " "
July 1873	11	5	F	.63 " "	Jan. 1891	10	7	F	.70 " "
Jan. 1874	11	5	F	.50 " "	July 1891	10	9	F	.70 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

WEAVERS, 5 LOOM.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1853	12	9	F	$0.50 per day.	Jan. 1874	11	20	F	$0.76 per day.
July 1853	12	15	F	.50 " "	July 1874	11	11	F	.87 " "
Jan. 1854	12	18	F	.50 " "	Jan. 1875	11	19	F	.82 " "
July 1854	12	26	F	.50 " "	July 1875	11	17	F	.84 " "
Jan. 1855	12	20	F	.60 " "	Jan. 1876	11	22	F	.81 " "
July 1855	12	24	F	.60 " "	July 1876	11	28	F	.82 " "
Jan. 1856	12	22	F	.60 " "	Jan. 1877	11	27	F	.81 " "
July 1856	12	23	F	.70 " "	July 1877	11	26	F	.90 " "
Jan. 1857	12	22	F	.72 " "	Jan. 1878	11	26	F	.80 " "
July 1857	12	27	F	.70 " "	July 1878	11	22	F	.82 " "
Jan. 1858	12	25	F	.55 " "	Jan. 1879	11	23	F	.91 " "
July 1858	12	21	F	.65 " "	July 1879	11	24	F	.90 " "
Jan. 1859	12	18	F	.60 " "	Jan. 1880	11	29	F	.83 " "
July 1859	12	10	F	.60 " "	July 1880	11	16	F	.96 " "
Jan. 1860	12	11	F	.62 " "	Jan. 1881	11	22	F	.91 " "
July 1860	12	13	F	.60 " "	July 1881	11	15	F	.88 " "
Jan. 1861	12	12	F	.61 " "	Jan. 1882	11	10	F	.87 " "
July 1861	12	6	F	.60 " "	July 1882	11	22	F	.86 " "
Jan. 1862	12	4	F	.60 " "	Jan. 1883	11	27	F	.87 " "
July 1862	12	1	F	.60 " "	July 1883	11	17	F	.91 " "
July 1865	12	8	F	.80 " "	Jan. 1884	11	18	F	.92 " "
Jan. 1866	12	21	F	.80 " "	July 1884	11	19	F	.93 " "
July 1866	12	17	F	.90 " "	Jan. 1885	11	8	F	.82 " "
Jan. 1867	12	16	F	.82 " "	July 1885	11	20	F	.91 " "
July 1867	11	19	F	.90 " "	Jan. 1886	11	24	F	.87 " "
Jan. 1868	11	20	F	.90 " "	July 1886	10	19	F	.82 " "
July 1868	11	13	F	.90 " "	Jan. 1887	10	15	F	.85 " "
Jan. 1869	11	14	F	.92 " "	July 1887	10	16	F	.83 " "
July 1869	11	17	F	.91 " "	Jan. 1888	10	21	F	.89 " "
Jan. 1870	11	23	F	.86 " "	July 1888	10	20	F	.82 " "
July 1870	11	15	F	.90 " "	Jan. 1889	10	15	F	.84 " "
Jan. 1871	11	21	F	.88 " "	July 1889	10	17	F	.83 " "
July 1871	11	16	F	.82 " "	Jan. 1890	10	13	F	.90 " "
Jan. 1872	11	16	F	.81 " "	July 1890	10	13	F	.94 " "
July 1872	11	17	F	.87 " "	Jan. 1891	10	12	F	.93 " "
Jan. 1873	11	10	F	.80 " "	July 1891	10	11	F	.94 " "
July 1873	11	12	F	.82 " "					

WEAVERS, 6, 7, AND 8 LOOM.

Jan. 1853	12	8	F	.70 per day.	July 1858	12	8	F	.80 per day.
July 1853	12	10	F	.70 " "		12	10	M	.95 " "
Jan. 1854	12	20	F	.84 " "					
July 1854	12	20	F	.86 " "	Average	12	18	.....	.88½ " "
Jan. 1855	12	6	F	.80 " "					
					Jan. 1859	12	13	F	.78 " "
July 1855	12	9	F	.80 " "		12	11	M	.90 " "
	12	6	M	.84 " "					
					Average	12	24	.....	.83½ " "
Average	12	15	.....	.81⅛ " "					
					July 1859	12	20	F	.84 " "
Jan. 1856	12	5	F	.85 " "		12	12	M	.90 " "
	12	6	M	.86 " "					
					Average	12	32	.....	.86½ " "
Average	12	11	.....	.85½ " "					
					Jan. 1860	12	23	F	.82 " "
July 1856	12	7	F	.90 " "		12	12	M	1.00 " "
	12	6	M	.95 " "					
					Average	12	35	.....	.88 " "
Average	12	13	.....	.92½ " "					
					July 1860	12	22	F	.87 " "
Jan. 1857	12	6	F	1.00 " "		12	11	M	1.09 " "
	12	6	M	1.05 " "					
					Average	12	33	.....	.94⅓ " "
Average	12	12	.....	1.02½ " "					
					Jan. 1861	12	21	F	.90 " "
July 1857	12	12	M	1.00 " "		12	11	M	1.05 " "
	12	6	F	1.00 " "					
					Average	12	32	.....	.95 " "
Average	12	18	.....	1.00 " "					
					July 1861	12	28	F	.91 " "
Jan. 1858	12	7	F	.75 " "		12	10	M	1.14 " "
	12	14	M	.80 " "					
					Average	12	38	.....	.97 " "
Average	12	21	.....	.7[illegible] " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

WEAVERS, 6, 7, AND 8 LOOM—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1862	12	9	M	$0.77 per day.
	12	15	F	.80 " "
Average	12	24	.....	.79 " "
July 1862	12	15	F	.55 " "
	12	6	M	.65 " "
Average	12	21	.....	.58 " "
July 1865	12	3	M	1.00 " "
	12	9	F	1.05 " "
Average	12	12	.....	1.03½ " "
Jan. 1866	12	4	M	1.00 " "
	12	13	F	1.00 " "
Average	12	17	.....	1.00 " "
July 1866	12	13	F	1.17 " "
	12	6	M	1.33 " "
Average	12	19	.....	1.22 " "
Jan. 1867	12	19	F	1.18 " "
	12	5	M	1.29 " "
Average	12	24	.....	1.20½ " "
July 1867	11	5	M	1.30 " "
	11	17	F	1.30 " "
Average	11	22	.....	1.30 " "
Jan. 1868	11	18	F	1.28 " "
	11	3	M	1.34 " "
Average	11	21	.....	1.29 " "
July 1868	11	22	F	1.26 " "
	11	3	M	1.39 " "
Average	11	25	.....	1.27½ " "
Jan. 1869	11	3	M	1.25 " "
	11	26	F	1.25 " "
Average	11	29	.....	1.25 " "
July 1869	11	22	F	1.24 " "
	11	3	M	1.27 " "
Average	11	25	.....	1.24½ " "
Jan. 1870	11	16	F	1.17 " "
	11	2	M	1.26 " "
Average	11	18	.....	1.18 " "
July 1870	11	23	F	1.25 " "
	11	2	M	1.37 " "
Average	11	25	.....	1.26 " "
Jan. 1871	11	20	F	1.16 " "
	11	1	M	1.26 " "
Average	11	21	.....	1.16½ " "
July 1871	11	27	F	1.22 " "
	11	1	M	1.31 " "
Average	11	28	.....	1.22½ " "
Jan. 1872	11	27	F	$1.20 per day.
	11	1	M	1.38 " "
Average	11	28	.....	1.20½ " "
July 1872	11	28	F	1.25 " "
	11	1	M	1.27 " "
Average	11	29	.....	1.25 " "
Jan. 1873	11	1	M	1.03 " "
	11	27	F	1.15 " "
Average	11	28	.....	1.14½ " "
July 1873	11	30	F	1.13 " "
	11	1	M	1.26 " "
Average	11	31	.....	1.13½ " "
Jan. 1874	11	24	F	1.10 " "
	11	1	M	1.17 " "
Average	11	25	.....	1.10½ " "
July 1874	11	28	F	1.12 " "
	11	1	M	1.26 " "
Average	11	29	.....	1.12½ " "
Jan. 1875	11	22	F	1.15 " "
	11	1	M	1.19 " "
Average	11	23	.....	1.15 " "
July 1875	11	23	F	1.10 " "
	11	1	M	1.20 " "
Average	11	24	.....	1.10½ " "
Jan. 1876	11	17	F	1.04 " "
	11	1	M	1.18 " "
Average	11	18	.....	1.05 " "
July 1876	11	1	M	1.01 " "
	11	6	F	1.02 " "
Average	11	7	.....	1.02 " "
Jan. 1877	11	1	M	1.00 " "
	11	7	F	1.02 " "
Average	11	8	.....	1.01½ " "
July 1877	11	7	F	1.10 " "
Jan. 1878	11	4	F	1.04 " "
July 1878	11	5	F	1.08 " "
Jan. 1879	11	6	F	1.17 " "
July 1879	11	2	F	1.04 " "
Jan. 1880	11	4	F	1.06 " "
July 1880	11	19	F	1.11 " "
Jan. 1881	11	17	F	1.16 " "
July 1881	11	22	F	1.15 " "
Jan. 1882	11	30	F	1.08 " "
July 1882	11	14	F	1.10 " "
Jan. 1883	11	7	F	1.00 " "
July 1883	11	17	F	1.08 " "
Jan. 1884	11	14	F	1.22 " "
July 1884	11	14	F	1.15 " "
Jan. 1885	11	1	F	1.04 " "
July 1885	11	10	F	1.02 " "
Jan. 1886	11	12	F	1.05 " "
July 1886	10	11	F	1.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

WEAVERS, 6, 7, AND 8 LOOM—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1887	10	3	F	$1.00 per day.	July 1889	10	20	F	$1.10 per day.
July 1887	10	12	F	1.04 " "	Jan. 1890	10	21	F	1.20 " "
Jan. 1888	10	8	F	1.00 " "	July 1890	10	23	F	1.15 " "
July 1888	10	14	F	1.17 " "	Jan. 1891	10	22	F	1.17 " "
Jan. 1889	10	19	F	1.12 " "	July 1891	10	21	F	1.15 " "

WEAVERS, SPARE.

Jan. 1853	12	2	F	.41½ per day.	July 1874	11	5	F	.93½ per day.
July 1853	12	2	F	.41½ " "	Jan. 1875	11	5	F	.93½ " "
Jan. 1854	12	3	F	.46 " "	July 1875	11	5	F	.93½ " "
July 1854	12	4	F	.50 " "	Jan. 1876	11	3	F	.81½ " "
Jan. 1855	12	4	F	.50 " "	July 1876	11	6	F	.73 " "
July 1855	12	6	F	.50 " "	Jan. 1877	11	6	F	.73 " "
Jan. 1856	12	8	F	.50 " "	July 1877	11	5	F	.73 " "
July 1856	12	8	F	.50 " "	Jan. 1878	11	6	F	.73 " "
Jan. 1857	12	11	F	.50 " "	July 1878	11	9	F	.66½ " "
July 1857	12	10	F	.50 " "	Jan. 1879	11	6	F	.58½ " "
Jan. 1858	12	11	F	.50 " "	July 1879	11	9	F	.58½ " "
July 1858	12	11	F	.50 " "	Jan. 1880	11	9	F	.73 " "
Jan. 1859	12	12	F	.50 " "	July 1880	11	7	F	.83½ " "
July 1859	12	12	F	.50 " "	Jan. 1881	11	9	F	.83½ " "
Jan. 1860	12	12	F	.50 " "	July 1881	11	8	F	1.00 " "
July 1860	12	12	F	.50 " "	Jan. 1882	11	8	F	1.00 " "
Jan. 1861	12	13	F	.50 " "	July 1882	11	9	F	.83½ " "
July 1861	12	7	F	.50 " "	Jan. 1883	11	15	F	.58½ " "
July 1865	12	6	F	.58½ " "	July 1883	11	10	F	.62½ " "
Jan. 1866	12	6	F	.75 " "	Jan. 1884	11	6	F	.66½ " "
July 1866	12	11	F	.91½ " "	July 1884	11	6	F	.83½ " "
Jan. 1867	12	10	F	.83½ " "	Jan. 1885	11	7	F	.75 " "
July 1867	11	5	F	1.00 " "	July 1885	11	5	F	.83½ " "
Jan. 1868	11	6	F	1.00 " "	Jan. 1886	11	11	F	.58½ " "
July 1868	11	4	F	.91½ " "	July 1886	10	7	F	.58½ " "
Jan. 1869	11	5	F	.91½ " "	Jan. 1887	10	8	F	.58½ " "
July 1869	11	4	F	.91½ " "	July 1887	10	10	F	.58½ " "
Jan. 1870	11	6	F	1.00 " "	Jan. 1888	10	7	F	.58½ " "
July 1870	11	6	F	.91½ " "	July 1888	10	6	F	.62½ " "
Jan. 1871	11	7	F	.83½ " "	Jan. 1889	10	7	F	.83½ " "
July 1871	11	7	F	.75 " "	July 1889	10	5	F	1.00 " "
Jan. 1872	11	7	F	.83½ " "	Jan. 1890	10	7	F	1.00 " "
July 1872	11	6	F	1.00 " "	July 1890	10	6	F	.91½ " "
Jan. 1873	11	3	F	1.00 " "	Jan. 1891	10	7	F	1.00 " "
July 1873	11	2	F	1.00 " "	July 1891	10	5	F	.91½ " "
Jan. 1874	11	6	F	.87½ " "					

YARD HANDS.

Jan. 1853	12	1	M	.75 per day.	Jan. 1858	12	1	M	.62½ per day.
	12	1	M	.83½ " "		12	1	M	.83½ " "
Average	12	2	M	.79½ " "	Average	12	2	M	.73 " "
July 1853	12	2	M	.75 " "	July 1858	12	1	M	.62½ " "
Jan. 1854	12	2	M	.75 " "		12	1	M	.83½ " "
July 1854	12	1	M	.75 " "	Average	12	2	M	.73 " "
	12	1	M	1.00 " "	Jan. 1859	12	1	M	.66½ " "
Average	12	2	M	.87½ " "		12	1	M	1.25 " "
Jan. 1855	12	2	M	1.00 " "	Average	12	2	M	.95½ " "
July 1855	12	2	M	1.00 " "	July 1859	12	1	M	.75 " "
Jan. 1856	12	2	M	1.00 " "		12	1	M	1.25 " "
July 1856	12	2	M	1.00 " "	Average	12	2	M	1.00 " "
Jan. 1857	12	2	M	1.00 " "	Jan. 1860	12	1	M	.75 " "
July 1857	12	1	M	.83½ " "		12	1	M	1.25 " "
	12	1	M	1.00 " "					
Average	12	2	M	.91½ " "	Average	12	2	M	1.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

YARD HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1860	12	1	M	$0.75 per day.
	12	1	M	1.00 " "
Average	12	2	M	.87½ " "
Jan. 1861	12	1	M	.75 " "
	12	1	M	1.00 " "
Average	12	2	M	.87½ " "
July 1861	12	1	M	.75 " "
	12	1	M	1.00 " "
Average	12	2	M	.87½ " "
Jan. 1862	12	1	M	.75 " "
	12	1	M	1.00 " "
Average	12	2	M	.87½ " "
July 1862	12	1	M	.87½ " "
	12	1	M	1.00 " "
Average	12	2	M	.93½ " "
July 1865	12	3	M	1.50 " "
	12	1	M	1.75 " "
Average	12	4	M	1.56½ " "
Jan. 1866	12	3	M	1.50 " "
	12	1	M	1.75 " "
Average	12	4	M	1.56½ " "
July 1866	12	3	M	1.50 " "
	12	1	M	1.75 " "
Average	12	4	M	1.56½ " "
Jan. 1867	12	4	M	1.50 " "
	12	1	M	1.75 " "
Average	12	5	M	1.55 " "
July 1867	11	5	M	1.50 " "
Jan. 1868	11	6	M	1.50 " "
July 1868	11	6	M	1.50 " "
Jan. 1869	11	6	M	1.50 " "
July 1869	11	6	M	1.50 " "
Jan. 1870	11	6	M	1.50 " "
July 1870	11	6	M	1.50 " "
Jan. 1871	11	6	M	1.50 " "
July 1871	11	6	M	1.50 " "
Jan. 1872	11	6	M	1.50 " "
July 1872	11	6	M	1.50 " "
Jan. 1873	11	6	M	1.50 " "
July 1873	11	6	M	1.25 " "
Jan. 1874	11	3	M	1.25 " "
July 1874	11	2	M	1.25 " "
	11	1	M	1.37½ " "
Average	11	3	M	1.29 " "
Jan. 1875	11	3	M	1.37½ " "
July 1875	11	3	M	1.37½ " "
Jan. 1876	11	4	M	1.37½ " "
July 1876	11	4	M	1.25 " "
Jan. 1877	11	3	M	1.08½ " "
	11	1	M	1.25 " "
Average	11	4	M	1.12½ " "
July 1877	11	4	M	1.08½ " "
	11	1	M	1.25 " "
Average	11	5	M	1.12 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878	11	4	M	$1.08½ per day.
	11	1	M	1.25 " "
Average	11	5	M	1.12 " "
July 1878	11	4	M	1.08½ " "
	11	1	M	1.25 " "
Average	11	5	M	1.12 " "
Jan. 1879	11	4	M	1.08½ " "
	11	1	M	1.25 " "
Average	11	5	M	1.12 " "
July 1879	11	3	M	1.08½ " "
	11	1	M	1.25 " "
Average	11	4	M	1.12½ " "
Jan. 1880	11	3	M	1.08½ " "
	11	1	M	1.25 " "
Average	11	4	M	1.12½ " "
July 1880	11	3	M	1.19 " "
	11	1	M	1.25 " "
Average	11	4	M	1.20½ " "
Jan. 1881	11	3	M	1.12½ " "
	11	1	M	1.19 " "
Average	11	4	M	1.14 " "
July 1881	11	3	M	1.12½ " "
	11	1	M	1.33½ " "
Average	11	4	M	1.17½ " "
Jan. 1882	11	3	M	1.12½ " "
	11	1	M	1.33½ " "
Average	11	4	M	1.17½ " "
July 1882	11	3	M	1.12½ " "
	11	1	M	1.33½ " "
Average	11	4	M	1.17½ " "
Jan. 1883	11	3	M	1.12½ " "
	11	1	M	1.33½ " "
Average	11	4	M	1.17½ " "
July 1883	11	3	M	1.12½ " "
	11	1	M	1.33½ " "
Average	11	4	M	1.17½ " "
Jan. 1884	11	3	M	1.12½ " "
	11	1	M	1.33½ " "
Average	11	4	M	1.17½ " "
July 1884	11	3	M	1.12½ " "
	11	1	M	1.33½ " "
Average	11	4	M	1.17½ " "
Jan. 1885	11	3	M	1.01 " "
	11	1	M	1.20 " "
Average	11	4	M	1.05½ " "
July 1885	11	3	M	1.01 " "
	11	1	M	1.20 " "
Average	11	4	M	1.05½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Concluded.

YARD HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886	11	3	M	$1.01 per day.	Jan. 1889	10	3	M	$1.01 per day.
	11	1	M	1.20 " "		10	1	M	1.50 " "
Average	11	4	M	1.05⅓ " "	Average	10	4	M	1.13½ " "
July 1886	10	3	M	1.01 " "	July 1889	10	3	M	1.01 " "
	10	1	M	1.41½ " "		10	1	M	1.50 " "
Average	10	4	M	1.11 " "	Average	10	4	M	1.13½ " "
Jan. 1887	10	3	M	1.01 " "	Jan. 1890	10	3	M	1.01 " "
	10	1	M	1.41½ " "		10	1	M	1.50 " "
Average	10	4	M	1.11 " "	Average	10	4	M	1.13½ " "
July 1887	10	3	M	1.01 " "	July 1890	10	3	M	1.25 " "
	10	1	M	1.41½ " "		10	1	M	1.50 " "
Average	10	4	M	1.11 " "	Average	10	4	M	1.31½ " "
Jan. 1888	10	3	M	1.01 " "	Jan. 1891	10	3	M	1.21 " "
	10	1	M	1.41½ " "		10	1	M	1.50 " "
Average	10	4	M	1.11 " "	Average	10	4	M	1.28½ " "
July 1888	10	3	M	1.01 " "	July 1891	10	3	M	1.21 " "
	10	1	M	1.41½ " "		10	1	M	1.50 " "
Average	10	4	M	1.11 " "	Average	10	4	M	1.28½ " "

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE.

PORTERS.

Jan. 1850	11	1	M	1.00 per day.	Jan. 1871	11	1	M	1.25 per day.
July 1850	11	1	M	1.00 " "	July 1871	11	1	M	1.25 " "
Jan. 1851	11	1	M	1.00 " "	Jan. 1872	11	1	M	1.25 " "
July 1851	11	1	M	1.00 " "	July 1872	11	1	M	1.25 " "
Jan. 1852	11	1	M	1.00 " "	Jan. 1873	11	1	M	1.25 " "
July 1852	11	1	M	1.00 " "	July 1873	11	1	M	1.25 " "
Jan. 1853	11	1	M	1.00 " "	Jan. 1874	11	1	M	1.25 " "
July 1853	11	1	M	1.00 " "	July 1874	11	1	M	1.25 " "
Jan. 1854	11	1	M	1.00 " "	Jan. 1875	11	1	M	1.25 " "
July 1854	11	1	M	1.00 " "	July 1875	11	1	M	1.25 " "
Jan. 1855	11	1	M	1.00 " "	Jan. 1876	11	1	M	1.25 " "
July 1855	11	1	M	1.00 " "	July 1876	11	1	M	1.25 " "
Jan. 1856	11	1	M	1.00 " "	Jan. 1877	11	1	M	1.25 " "
July 1856	11	1	M	1.00 " "	July 1877	11	1	M	1.25 " "
Jan. 1857	11	1	M	1.00 " "	Jan. 1878	11	1	M	1.25 " "
July 1857	11	1	M	1.00 " "	July 1878	11	1	M	1.25 " "
Jan. 1858	11	1	M	1.00 " "	Jan. 1879	11	1	M	1.25 " "
July 1858	11	1	M	1.00 " "	July 1879	11	1	M	1.25 " "
Jan. 1859	11	1	M	1.00 " "	Jan. 1880	11	1	M	1.25 " "
July 1859	11	1	M	1.00 " "	July 1880	11	1	M	1.25 " "
Jan. 1860	11	1	M	1.00 " "	Jan. 1881	11	1	M	1.25 " "
July 1861	11	1	M	1.00 " "	July 1881	11	1	M	1.25 " "
Jan. 1862	11	1	M	1.00 " "	Jan. 1882	11	1	M	1.25 " "
July 1862	11	1	M	1.00 " "	July 1883	11	1	M	1.25 " "
Jan. 1863	11	1	M	1.25 " "	Jan. 1884	11	1	M	1.25 " "
July 1863	11	1	M	1.25 " "	July 1884	11	1	M	1.25 " "
Jan. 1864	11	1	M	1.25 " "	Jan. 1885	11	1	M	1.25 " "
July 1864	11	1	M	1.25 " "	July 1885	11	1	M	1.25 " "
Jan. 1865	11	1	M	1.25 " "	Jan. 1886	11	1	M	1.25 " "
July 1865	11	1	M	1.25 " "	July 1886	11	1	M	1.25 " "
Jan. 1866	11	1	M	1.25 " "	Jan. 1887	11	1	M	1.25 " "
July 1866	11	1	M	1.25 " "	July 1887	11	1	M	1.25 " "
Jan. 1867	11	1	M	1.25 " "	Jan. 1888	11	1	M	1.25 " "
July 1867	11	1	M	1.25 " "	July 1888	11	1	M	1.25 " "
Jan. 1868	11	1	M	1.25 " "	Jan. 1889	11	1	M	1.25 " "
July 1868	11	1	M	1.25 " "	July 1889	11	1	M	1.25 " "
Jan. 1869	11	1	M	1.25 " "	Jan. 1890	11	1	M	1.25 " "
July 1869	11	1	M	1.25 " "	July 1890	11	1	M	1.25 " "
Jan. 1870	11	1	M	1.25 " "	Jan. 1891	11	1	M	1.25 " "
July 1870	11	1	M	1.25 " "	July 1891	11	1	M	1.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE—Continued.

SALESMEN.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1850	11	2	M	$1.00 per day.	July 1857	11	2	M	$1.00 per day.
	11	1	M	1.50 " "		11	1	M	1.50 " "
Average	11	3	M	1.16½ " "	Average	11	3	M	1.16½ " "
July 1850	11	2	M	1.00 " "	Jan. 1858	11	2	M	1.00 " "
	11	1	M	1.50 " "		11	1	M	1.50 " "
Average	11	3	M	1.16½ " "	Average	11	3	M	1.16½ " "
Jan. 1851	11	2	M	1.00 " "	July 1858	11	2	M	1.00 " "
	11	1	M	1.50 " "		11	1	M	1.50 " "
Average	11	3	M	1.16½ " "	Average	11	3	M	1.16½ " "
July 1851	11	2	M	1.00 " "	Jan. 1859	11	3	M	1.00 " "
	11	1	M	1.50 " "		11	1	M	1.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	1.12½ " "
Jan. 1852	11	2	M	1.00 " "	July 1859	11	3	M	1.00 " "
	11	1	M	1.50 " "		11	1	M	1.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	1.12½ " "
July 1852	11	2	M	1.00 " "	Jan. 1860	11	3	M	1.00 " "
	11	1	M	1.50 " "		11	1	M	1.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	1.12½ " "
Jan. 1853	11	2	M	1.00 " "	July 1861	11	3	M	1.00 " "
	11	1	M	1.50 " "		11	1	M	1.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	1.12½ " "
July 1853	11	2	M	1.00 " "	Jan. 1862	11	3	M	1.00 " "
	11	1	M	1.50 " "		11	1	M	1.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	1.12½ " "
Jan. 1854	11	2	M	1.00 " "	July 1862	11	3	M	1.00 " "
	11	1	M	1.50 " "		11	1	M	1.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	1.12½ " "
July 1854	11	2	M	1.00 " "	Jan. 1863	11	3	M	1.50 " "
	11	1	M	1.50 " "		11	1	M	2.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	1.75 " "
Jan. 1855	11	2	M	1.00 " "	July 1863	11	3	M	1.50 " "
	11	1	M	1.50 " "		11	1	M	2.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	1.75 " "
July 1855	11	2	M	1.00 " "	Jan. 1864	11	3	M	1.50 " "
	11	1	M	1.50 " "		11	1	M	2.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	1.75 " "
Jan. 1856	11	2	M	1.00 " "	July 1864	11	3	M	1.50 " "
	11	1	M	1.50 " "		11	1	M	2.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	1.75 " "
July 1856	11	2	M	1.00 " "	Jan. 1865	11	2	M	1.50 " "
	11	1	M	1.50 " "		11	2	M	2.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	2.00 " "
Jan. 1857	11	2	M	1.00 " "	July 1865	11	2	M	1.50 " "
	11	1	M	1.50 " "		11	2	M	2.50 " "
Average	11	3	M	1.16½ " "	Average	11	4	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE—Continued.

SALESMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1866	11	2	M	$1.50 per day.	Jan. 1874	11	3	M	$1.50 per day.
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
July 1866	11	2	M	1.50 " "	July 1874	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
Jan. 1867	11	2	M	1.50 " "	Jan. 1875	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
July 1867	11	2	M	1.50 " "	July 1875	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
Jan. 1868	11	2	M	1.50 " "	Jan. 1876	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
July 1868	11	2	M	1.50 " "	July 1876	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
Jan. 1869	11	2	M	1.50 " "	Jan. 1877	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
July 1869	11	2	M	1.50 " "	July 1877	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
Jan. 1870	11	2	M	1.50 " "	Jan. 1878	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
July 1870	11	2	M	1.50 " "	July 1878	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
Jan. 1871	11	2	M	1.50 " "	Jan. 1879	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
July 1871	11	2	M	1.50 " "	July 1879	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	4	M	2.00 " "	Average	11	5	M	1.90 " "
Jan. 1872	11	3	M	1.50 " "	Jan. 1880	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	5	M	1.90 " "	Average	11	5	M	1.90 " "
July 1872	11	3	M	1.50 " "	July 1880	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	5	M	1.90 " "	Average	11	5	M	1.90 " "
Jan. 1873	11	3	M	1.50 " "	Jan. 1881	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	5	M	1.90 " "	Average	11	5	M	1.90 " "
July 1873	11	3	M	1.50 " "	July 1881	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	2	M	2.50 " "
Average	11	5	M	1.90 " "	Average	11	5	M	1.90 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE—Continued.

SALESMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	11	3	M	$1.50 per day.	July 1887	11	3	M	$1.50 per day.
	11	2	M	2.50 " "		11	3	M	2.50 " "
Average	11	5	M	1.90 " "	Average	11	6	M	2.00 " "
July 1883	11	3	M	1.50 " "	Jan. 1888	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	3	M	2.50 " "
Average	11	5	M	1.90 " "	Average	11	6	M	2.00 " "
Jan. 1884	11	3	M	1.50 " "	July 1888	11	3	M	1.50 " "
	11	2	M	2.50 " "		11	3	M	2.50 " "
Average	11	5	M	1.90 " "	Average	11	6	M	2.00 " "
July 1884	11	3	M	1.50 " "	Jan. 1889	11	3	M	2.00 " "
	11	2	M	2.50 " "		11	3	M	3.00 " "
Average	11	5	M	1.90 " "	Average	11	6	M	2.50 " "
Jan. 1885	11	3	M	1.50 " "	July 1889	11	3	M	2.00 " "
	11	2	M	2.50 " "		11	3	M	3.00 " "
Average	11	5	M	1.90 " "	Average	11	6	M	2.50 " "
July 1885	11	3	M	1.50 " "	Jan. 1890	11	3	M	2.50 " "
	11	3	M	2.50 " "		11	3	M	3.33 " "
Average	11	6	M	2.00 " "	Average	11	6	M	2.91⅔ " "
Jan. 1886	11	3	M	1.50 " "	July 1890	11	4	M	2.50 " "
	11	3	M	2.50 " "		11	3	M	3.33 " "
Average	11	6	M	2.00 " "	Average	11	7	M	2.85½ " "
July 1886	11	3	M	1.50 " "	Jan. 1891	11	4	M	2.50 " "
	11	3	M	2.50 " "		11	3	M	3.33 " "
Average	11	6	M	2.00 " "	Average	11	7	M	2.85½ " "
Jan. 1887	11	3	M	1.50 " "	July 1891	11	4	M	2.50 " "
	11	3	M	2.50 " "		11	4	M	3.33 " "
Average	11	6	M	2.00 " "	Average	11	8	M	2.91½ " "

SALESWOMEN.

Jan. 1850	11	2	F	.66⅔ per day.	July 1852	11	2	F	.66⅔ per day.
	11	2	F	1.00 " "		11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "	Average	11	4	F	.83⅓ " "
July 1850	11	2	F	.66⅔ " "	Jan. 1853	11	2	F	.66⅔ " "
	11	2	F	1.00 " "		11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "	Average	11	4	F	.83⅓ " "
Jan. 1851	11	2	F	.66⅔ " "	July 1853	11	2	F	.66⅔ " "
	11	2	F	1.00 " "		11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "	Average	11	4	F	.83⅓ " "
July 1851	11	2	F	.66⅔ " "	Jan. 1854	11	2	F	.66⅔ " "
	11	2	F	1.00 " "		11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "	Average	11	4	F	.83⅓ " "
Jan. 1852	11	2	F	.66⅔ " "	July 1854	11	2	F	.66⅔ " "
	11	2	F	1.00 " "		11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "	Average	11	4	F	.83⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE—Continued.

SALESWOMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1855	11	2	F	$0.66⅔ per day.
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1855	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
Jan. 1856	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1856	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
Jan. 1857	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1857	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
Jan. 1858	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1858	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
Jan. 1859	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
July 1859	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
Jan. 1860	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
July 1861	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
Jan. 1862	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
July 1862	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
Jan. 1863	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	**11**	**5**	**F**	**.80** " "
July 1863	11	3	F	$0.66⅔ per day.
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
Jan. 1864	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
July 1864	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
Jan. 1865	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1865	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
Jan. 1866	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1866	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
Jan. 1867	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1867	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
Jan. 1868	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1868	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
Jan. 1869	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
July 1869	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
Jan. 1870	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
July 1870	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	**11**	**5**	**F**	**.80** " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE—Continued.

SALESWOMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1871	11	3	F	$0.66⅔ per day.
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
July 1871	11	3	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	5	F	.80 " "
Jan. 1872	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1872	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
Jan. 1873	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1873	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
Jan. 1874	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1874	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
Jan. 1875	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1875	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
Jan. 1876	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1876	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
Jan. 1877	11	2	F	.66⅔ " "
	11	2	F	1.00 " "
Average	11	4	F	.83⅓ " "
July 1877	11	2	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	5	F	.86⅔ " "
Jan. 1878	11	2	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	5	F	.86⅔ " "
July 1878	11	2	F	$0.66⅔ per day.
	11	3	F	1.00 " "
Average	11	5	F	.86⅔ " "
Jan. 1879	11	2	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	5	F	.86⅔ " "
July 1879	11	2	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	5	F	.86⅔ " "
Jan. 1880	11	2	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	5	F	.86⅔ " "
July 1880	11	2	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	5	F	.86⅔ " "
Jan. 1881	11	2	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	5	F	.86⅔ " "
July 1881	11	2	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	5	F	.86⅔ " "
Jan. 1882	11	2	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	5	F	.86⅔ " "
July 1883	11	3	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	6	F	.83⅓ " "
Jan. 1884	11	3	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	6	F	.83⅓ " "
July 1884	11	3	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	6	F	.83⅓ " "
Jan. 1885	11	3	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	6	F	.83⅓ " "
July 1885	11	3	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	6	F	.83⅓ " "
Jan. 1886	11	3	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	6	F	.83⅓ " "
July 1886	11	3	F	.66⅔ " "
	11	3	F	1.00 " "
Average	11	6	F	.83⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE—Concluded.

SALESWOMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1887	11	3	F	$0.66⅔ per day.	July 1889	11	3	F	$1.00 per day.
	11	3	F	1.00 " "		11	3	F	1.25 " "
Average	11	6	F	.83⅓ " "	Average	11	6	F	1.12½ " "
July 1887	11	3	F	.66⅔ " "	Jan. 1890	11	3	F	1.25 " "
	11	3	F	1.00 " "		11	3	F	1.50 " "
Average	11	6	F	.83⅓ " "	Average	11	6	F	1.37½ " "
Jan. 1888	11	3	F	.66⅔ " "	July 1890	11	3	F	1.25 " "
	11	3	F	1.00 " "		11	3	F	1.50 " "
Average	11	6	F	.83⅓ " "	Average	11	6	F	1.37½ " "
July 1888	11	3	F	.66⅔ " "	Jan. 1891	11	3	F	1.25 " "
	11	3	F	1.00 " "		11	3	F	1.50 " "
Average	11	6	F	.83⅓ " "	Average	11	6	F	1.37½ " "
Jan. 1889	11	3	F	1.00 " "	July 1891	11	3	F	1.25 " "
	11	3	F	1.25 " "		11	3	F	1.50 " "
Average	11	6	F	1.12½ " "	Average	11	6	F	1.37½ " "

TEAMSTERS.

Jan. 1884	11	1	M	1.00 per day.	Jan. 1888	11	1	M	1.25 per day.
July 1884	11	1	M	1.00 " "	July 1888	11	1	M	1.25 " "
Jan. 1885	11	1	M	1.00 " "	Jan. 1889	11	1	M	1.25 " "
July 1885	11	1	M	1.00 " "	July 1889	11	1	M	1.25 " "
Jan. 1886	11	1	M	1.25 " "	Jan. 1890	11	1	M	1.25 " "
July 1886	11	1	M	1.25 " "	July 1890	11	1	M	1.25 " "
Jan. 1887	11	1	M	1.25 " "	Jan. 1891	11	2	M	1.25 " "
July 1887	11	1	M	1.25 " "	July 1891	11	2	M	1.25 " "

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS.

BACK BOYS.

July 1848	*a* 11½	4	M	.32 per day.	Jan. 1863	*b* 11½	16	M	.30 per day.
Jan. 1849	*a* 11½	4	M	.33 " "	July 1863	*b* 11½	16	M	.30 " "
July 1849	*a* 11½	10	M	.33 " "	Jan. 1864	*b* 11½	16	M	.30 " "
Jan. 1850	*a* 11½	16	M	.33 " "	July 1864	*b* 11½	16	M	.35 " "
July 1850	*a* 11½	16	M	.33 " "	Jan. 1865	*b* 11½	16	M	.35 " "
Jan. 1851	*a* 11½	16	M	.30 " "	July 1865	*b* 11½	16	M	.37 " "
July 1851	*a* 11½	16	M	.30 " "	Jan. 1866	*b* 11½	16	M	.40 " "
Jan. 1852	*a* 11½	16	M	.30 " "	July 1866	*b* 11½	16	M	.45 " "
July 1852	*a* 11½	16	M	.30 " "	Jan. 1867	*b* 11½	17	M	.45 " "
Jan. 1853	*a* 11½	16	M	.30 " "	July 1867	*b* 11½	17	M	.47 " "
July 1853	*a* 11½	16	M	.30 " "	Jan. 1868	*b* 11½	17	M	.47 " "
Jan. 1854	*b* 11½	16	M	.37 " "	July 1868	*b* 11½	17	M	.47 " "
July 1854	*b* 11½	16	M	.37 " "	Jan. 1869	*b* 11½	17	M	.47 " "
Jan. 1855	*b* 11½	16	M	.37 " "	July 1869	*b* 11½	17	M	.45 " "
July 1855	*b* 11½	16	M	.37 " "	Jan. 1870	*b* 11½	10	M	.50 " "
Jan. 1856	*b* 11½	16	M	.37 " "	July 1870	*b* 11½	10	M	.50 " "
July 1856	*b* 11½	16	M	.37 " "	Jan. 1871	*b* 11½	12	M	.50 " "
Jan. 1857	*b* 11½	16	M	.37 " "	July 1871	*b* 11½	12	M	.55 " "
July 1857	*b* 11½	16	M	.37 " "	Jan. 1872	*b* 11½	12	M	.55 " "
Jan. 1858	*b* 11½	16	M	.37 " "	July 1872	*b* 11½	12	M	.55 " "
July 1858	*b* 11½	16	M	.37 " "	Jan. 1873	*b* 11½	12	M	.55 " "
Jan. 1859	*b* 11½	16	M	.37 " "	July 1873	*b* 11½	12	M	.55 " "
July 1859	*b* 11½	16	M	.37 " "	Jan. 1874	*b* 11½	12	M	.55 " "
Jan. 1860	*b* 11½	16	M	.30 " "	July 1874	*b* 11½	12	M	.60 " "
July 1860	*b* 11½	16	M	.30 " "	Jan. 1875	*c* 11	12	M	.60 " "
Jan. 1861	*b* 11½	16	M	.30 " "	July 1875	*c* 11	12	M	.60 " "
July 1861	*b* 11½	16	M	.30 " "	Jan. 1876	*c* 11	12	M	.60 " "
Jan. 1862	*b* 11½	16	M	.30 " "	July 1876	*c* 11	12	M	.60 " "
July 1862	*b* 11½	16	M	.30 " "	Jan. 1877	*c* 11	12	M	.60 " "

a On Saturday, 9 hours only.
b On Saturday, 8½ hours only.
c On Saturday, 5 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

BACK BOYS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1877	a 11	12	M	$0.56 per day.	Jan. 1885	a 11	12	M	$0.53 per day.
Jan. 1878	a 11	12	M	.56 " "	July 1885	a 11	12	M	.53 " "
July 1878	a 11	12	M	.56 " "	Jan. 1886	a 11	12	M	.53 " "
Jan. 1879	a 11	12	M	.56 " "	July 1886	a 11	12	M	.56 " "
July 1879	a 11	12	M	.56 " "	Jan. 1887	a 11	12	M	58 " "
Jan. 1880	a 11	12	M	.56 " "	July 1887	a 11	12	M	.58 " "
July 1880	a 11	12	M	.56 " "	Jan. 1888	a 11	12	M	.58 " "
Jan. 1881	a 11	12	M	.56 " "	July 1888	a 11	12	M	.58 " "
July 1881	a 11	12	M	.56 " "	Jan. 1889	a 11	12	M	.58 " "
Jan. 1882	a 11	12	M	.60 " "	July 1889	a 11	12	M	.58 " "
July 1882	a 11	12	M	.58 " "	Jan. 1890	a 11	12	M	.58 " "
Jan. 1883	a 11	12	M	.58 " "	July 1890	a 11	12	M	.60 " "
July 1883	a 11	12	M	.58 " "	Jan. 1891	a 11	12	M	.60 " "
Jan. 1884	a 11	12	M	.55 " "	July 1891	a 11	12	M	.60 " "
July 1884	a 11	12	M	.55 " "					

BOILER TENDERS.

July 1848	12	2	M	1.00 per day.	July 1870	12	4	M	1.75 per day.
Jan. 1849	12	2	M	1.00 " "	Jan. 1871	12	4	M	1.75 " "
July 1849	12	2	M	1.06 " "	July 1871	12	4	M	1.75 " "
Jan. 1850	12	2	M	1.00 " "	Jan. 1872	12	4	M	1.75 " "
July 1850	12	2	M	1.00 " "	July 1872	12	4	M	1.75 " "
Jan. 1851	12	2	M	1.00 " "	Jan. 1873	12	4	M	1.75 " "
July 1851	12	2	M	1.00 " "	July 1873	12	4	M	1.75 " "
Jan. 1852	12	2	M	1.00 " "	Jan. 1874	12	4	M	1.75 " "
July 1852	12	2	M	1.00 " "	July 1874	12	4	M	1.75 " "
Jan. 1853	12	2	M	1.00 " "	Jan. 1875	12	4	M	1.75 " "
July 1853	12	2	M	1.00 " "	July 1875	12	7	M	1.75 " "
Jan. 1854	12	2	M	1.00 " "	Jan. 1876	12	7	M	1.75 " "
July 1854	12	2	M	1.16⅔ " "	July 1876	12	7	M	1.75 " "
Jan. 1855	12	2	M	1.16⅔ " "	Jan. 1877	12	7	M	1.75 " "
July 1855	12	2	M	1.16⅔ " "	July 1877	12	7	M	1.75 " "
Jan. 1856	12	2	M	1.16⅔ " "	Jan. 1878	12	7	M	1.75 " "
July 1856	12	2	M	1.16⅔ " "	July 1878	12	7	M	1.75 " "
Jan. 1857	12	2	M	1.16⅔ " "	Jan. 1879	12	7	M	1.75 " "
July 1857	12	2	M	1.16⅔ " "	July 1879	12	8	M	1.60 " "
Jan. 1858	12	2	M	1.16⅔ " "	Jan. 1880	12	8	M	1.60 " "
July 1858	12	2	M	1.16⅔ " "	July 1880	12	8	M	1.70 " "
Jan. 1859	12	2	M	1.16⅔ " "	Jan. 1881	12	8	M	1.70 " "
July 1859	12	2	M	1.16⅔ " "	July 1881	12	8	M	1.70 " "
Jan. 1860	12	2	M	1.16⅔ " "	Jan. 1882	10	9	M	1.70 " "
July 1860	12	2	M	1.16⅔ " "	July 1882	10	12	M	2.00 " "
Jan. 1861	12	2	M	1.16⅔ " "	Jan. 1883	10	13	M	1.82½ " "
July 1861	12	2	M	1.16⅔ " "	July 1883	10	13	M	1.85 " "
Jan. 1862	12	2	M	1.16⅔ " "	Jan. 1884	10	12	M	1.82½ " "
July 1862	12	2	M	1.16⅔ " "	July 1884	10	12	M	1.90 " "
Jan. 1863	12	3	M	1.16⅔ " "	Jan. 1885	10	9	M	1.78 " "
July 1863	12	3	M	1.16⅔ " "	July 1885	10	8	M	1.80 " "
Jan. 1864	12	4	M	1.16⅔ " "	Jan. 1886	10	6	M	1.90 " "
July 1864	12	4	M	1.50 " "	July 1886	10	6	M	1.70 " "
Jan. 1865	12	4	M	1.50 " "	Jan. 1887	10	6	M	1.70 " "
July 1865	12	3	M	1.63 " "	July 1887	10	6	M	1.70 " "
Jan. 1866	12	3	M	1.63 " "	Jan. 1888	12	6	M	2.04 " "
July 1866	12	4	M	1.63 " "	July 1888	12	6	M	2.04 " "
Jan. 1867	12	4	M	1.63 " "	Jan. 1889	12	6	M	2.04 " "
July 1867	12	5	M	1.63 " "	July 1889	12	6	M	2.04 " "
Jan. 1868	12	5	M	1.63 " "	Jan. 1890	12	6	M	2.04 " "
July 1868	12	4	M	1.63 " "	July 1890	12	6	M	2.04 " "
Jan. 1869	12	4	M	1.63 " "	Jan. 1891	12	6	M	2.04 " "
July 1869	12	4	M	1.63 " "	July 1891	12	6	M	2.04 " "
Jan. 1870	12	4	M	1.63 " "					

CARD GRINDERS.

Jan. 1849	b 11½	2	M	1.20 per day.	July 1851	b 11½	2	M	1.25 per day.
July 1849	b 11½	2	M	1.25 " "	Jan. 1852	b 11½	2	M	1.25 " "
Jan. 1850	b 11½	2	M	1.25 " "	July 1852	b 11½	2	M	1.25 " "
July 1850	b 11½	2	M	1.25 " "	Jan. 1853	b 11½	2	M	1.25 " "
Jan. 1851	b 11½	2	M	1.25 " "	July 1853	b 11½	2	M	1.25 " "

a On Saturday, 5 hours only.

b On Saturday, 9 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

CARD GRINDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854	*a* 11½	2	M	$1.25 per day.	Jan. 1873	*a* 11½	5	M	$1.66 per day.
July 1854	*a* 11½	2	M	1.25 " "	July 1873	*a* 11½	5	M	1.66 " "
Jan. 1855	*a* 11½	2	M	1.25 " "	Jan. 1874	*a* 11½	5	M	1.66 " "
July 1855	*a* 11½	2	M	1.25 " "	July 1874	*a* 11½	5	M	1.66 " "
Jan. 1856	*a* 11½	2	M	1.25 " "	Jan. 1875	*b* 11	5	M	1.51 " "
July 1856	*a* 11½	2	M	1.25 " "	July 1875	*b* 11	5	M	1.51 " "
Jan. 1857	*a* 11½	2	M	1.25 " "	Jan. 1876	*b* 11	5	M	1.51 " "
July 1857	*a* 11½	2	M	1.25 " "	July 1876	*b* 11	5	M	1.40 " "
Jan. 1858	*a* 11½	2	M	1.25 " "	Jan. 1877	*b* 11	5	M	1.40 " "
July 1858	*a* 11½	2	M	1.25 " "	July 1877	*b* 11	5	M	1.40 " "
Jan. 1859	*a* 11½	2	M	1.25 " "	Jan. 1878	*b* 11	5	M	1.40 " "
July 1859	*a* 11½	2	M	1.25 " "	July 1878	*b* 11	5	M	1.40 " "
Jan. 1860	*a* 11½	2	M	1.25 " "	Jan. 1879	*b* 11	5	M	1.40 " "
July 1860	*a* 11½	3	M	1.25 " "	July 1879	*b* 11	5	M	1.40 " "
Jan. 1861	*a* 11½	3	M	1.25 " "	Jan. 1880	*b* 11	5	M	1.40 " "
July 1861	*a* 11½	3	M	1.25 " "	July 1880	*b* 11	5	M	1.40 " "
Jan. 1862	*a* 11½	3	M	1.25 " "	Jan. 1881	*b* 11	5	M	1.40 " "
July 1862	*a* 11½	3	M	1.25 " "	July 1881	*b* 11	5	M	1.40 " "
Jan. 1863	*a* 11½	3	M	1.25 " "	Jan. 1882	*b* 11	5	M	1.40 " "
July 1863	*a* 11½	3	M	1.25 " "	July 1882	*b* 11	5	M	1.40 " "
Jan. 1864	*a* 11½	3	M	1.33½ " "	Jan. 1883	*b* 11	5	M	1.40 " "
July 1864	*a* 11½	3	M	1.50 " "	July 1883	*b* 11	5	M	1.40 " "
Jan. 1865	*a* 11½	3	M	1.50 " "	Jan. 1884	*b* 11	5	M	1.40 " "
July 1865	*a* 11½	3	M	1.75 " "	July 1884	*b* 11	5	M	1.40 " "
Jan. 1866	*a* 11½	4	M	1.75 " "	Jan. 1885	*b* 11	5	M	1.40 " "
July 1866	*a* 11½	4	M	1.75 " "	July 1885	*b* 11	5	M	1.40 " "
Jan. 1867	*a* 11½	4	M	1.75 " "	Jan. 1886	*b* 11	5	M	1.40 " "
July 1867	*a* 11½	4	M	1.75 " "	July 1886	*b* 11	5	M	1.40 " "
Jan. 1868	*a* 11½	4	M	1.66 " "	Jan. 1887	*b* 11	5	M	1.40 " "
July 1868	*a* 11½	5	M	1.66 " "	July 1887	*b* 11	5	M	1.40 " "
Jan. 1869	*a* 11½	5	M	1.66 " "	Jan. 1888	*b* 11	5	M	1.40 " "
July 1869	*a* 11½	5	M	1.66 " "	July 1888	*b* 11	5	M	1.40 " "
Jan. 1870	*a* 11½	5	M	1.66 " "	Jan. 1889	*b* 11	5	M	1.40 " "
July 1870	*a* 11½	5	M	1.66 " "	July 1889	*b* 11	5	M	1.50 " "
Jan. 1871	*a* 11½	5	M	1.66 " "	Jan. 1890	*b* 11	5	M	1.50 " "
July 1871	*a* 11½	5	M	1.66 " "	July 1890	*b* 11	5	M	1.50 " "
Jan. 1872	*a* 11½	5	M	1.66 " "	Jan. 1891	*b* 11	5	M	1.50 " "
July 1872	*a* 11½	5	M	1.66 " "	July 1891	*b* 11	5	M	1.50 " "

CARD STRIPPERS.

Jan. 1849	*c* 11½	2	M	.80 per day.	Jan. 1865	*a* 11½	3	M	1.12 per day.
July 1849	*c* 11½	3	M	.83 " "	July 1865	*a* 11½	4	M	1.40 " "
Jan. 1850	*c* 11½	3	M	.83 " "	Jan. 1866	*a* 11½	4	M	1.50 " "
July 1850	*c* 11½	3	M	.83 " "	July 1866	*a* 11½	5	M	1.50 " "
Jan. 1851	*c* 11½	3	M	.83 " "	Jan. 1867	*a* 11½	5	M	1.50 " "
July 1851	*c* 11½	3	M	.83 " "	July 1867	*a* 11½	5	M	1.50 " "
Jan. 1852	*c* 11½	3	M	.83 " "	Jan. 1868	*a* 11½	5	M	1.43 " "
July 1852	*c* 11½	3	M	.83 " "	July 1868	*a* 11½	6	M	1.43 " "
Jan. 1853	*c* 11½	3	M	.83 " "	Jan. 1869	*a* 11½	5	M	1.43 " "
July 1853	*c* 11½	4	M	.83 " "	July 1869	*a* 11½	7	M	1.43 " "
Jan. 1854	*a* 11½	4	M	.83 " "	Jan. 1870	*a* 11½	8	M	1.43 " "
July 1854	*a* 11½	4	M	.83 " "	July 1870	*a* 11½	8	M	1.43 " "
Jan. 1855	*a* 11½	4	M	.83 " "	Jan. 1871	*a* 11½	8	M	1.43 " "
July 1855	*a* 11½	4	M	.83 " "	July 1871	*a* 11½	5	M	1.43 " "
Jan. 1856	*a* 11½	4	M	.83 " "	Jan. 1872	*a* 11½	5	M	1.43 " "
July 1856	*a* 11½	4	M	.83 " "	July 1872	*a* 11½	5	M	1.43 " "
Jan. 1857	*a* 11½	4	M	.83 " "	Jan. 1873	*a* 11½	5	M	1.43 " "
July 1857	*a* 11½	4	M	.83 " "	July 1873	*a* 11½	5	M	1.43 " "
Jan. 1858	*a* 11½	4	M	.83 " "	Jan. 1874	*a* 11½	4	M	1.43 " "
July 1858	*a* 11½	4	M	.83 " "	July 1874	*a* 11½	4	M	1.43 " "
Jan. 1859	*a* 11½	4	M	.83 " "	Jan. 1875	*b* 11	4	M	1.34 " "
July 1859	*a* 11½	4	M	.83 " "	July 1875	*b* 11	4	M	1.34 " "
Jan. 1860	*a* 11½	4	M	.83 " "	Jan. 1876	*b* 11	4	M	1.34 " "
July 1860	*a* 11½	4	M	.83 " "	July 1876	*b* 11	4	M	1.30 " "
Jan. 1861	*a* 11½	4	M	.83 " "	Jan. 1877	*b* 11	4	M	1.35 " "
July 1861	*a* 11½	4	M	.83 " "	July 1877	*b* 11	3	M	1.35 " "
Jan. 1862	*a* 11½	4	M	.83 " "	Jan. 1878	*b* 11	3	M	1.35 " "
July 1862	*a* 11½	4	M	.83 " "	July 1878	*b* 11	3	M	1.35 " "
Jan. 1863	*a* 11½	3	M	.83 " "	Jan. 1879	*b* 11	3	M	1.35 " "
July 1863	*a* 11½	3	M	.95 " "	July 1879	*b* 11	3	M	1.25 " "
Jan. 1864	*a* 11½	3	M	.95 " "	Jan. 1880	*b* 11	3	M	1.25 " "
July 1864	*a* 11½	3	M	1.12 " "	July 1880	*b* 11	3	M	1.25 " "

a On Saturday, 8½ hours only. *b* On Saturday, 5 hours only. *c* On Saturday, 9 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

CARD STRIPPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881	*a* 11	3	M	$1.25 per day.	July 1886	*a* 11	3	M	$1.15 per day.
July 1881	*a* 11	3	M	1.25 " "	Jan. 1887	*a* 11	4	M	1.15 " "
Jan. 1882	*a* 11	3	M	1.25 " "	July 1887	*a* 11	4	M	1.15 " "
July 1882	*a* 11	3	M	1.25 " "	Jan. 1888	*a* 11	4	M	1.15 " "
Jan. 1883	*a* 11	3	M	1.20 " "	July 1888	*a* 11	4	M	1.15 " "
July 1883	*a* 11	3	M	1.20 " "	Jan. 1889	*a* 11	3	M	1.15 " "
Jan. 1884	*a* 11	3	M	1.15 " "	July 1889	*a* 11	3	M	1.15 " "
July 1884	*a* 11	3	M	1.15 " "	Jan. 1890	*a* 11	3	M	1.15 " "
Jan. 1885	*a* 11	3	M	1.20 " "	July 1890	*a* 11	3	M	1.15 " "
July 1885	*a* 11	3	M	1.10 " "	Jan. 1891	*a* 11	3	M	1.15 " "
Jan. 1886	*a* 11	3	M	1.10 " "	July 1891	*a* 11	3	M	1.15 " "

CARD TENDERS.

Jan. 1849	*b* 11½	2	M	.75 per day.	July 1870	*c* 11½	6	M	1.34 per day.
July 1849	*b* 11½	6	M	.75 " "	Jan. 1871	*c* 11½	6	M	1.34 " "
Jan. 1850	*b* 11½	7	M	.75 " "	July 1871	*c* 11½	6	M	1.34 " "
July 1850	*b* 11½	7	M	.75 " "	Jan. 1872	*c* 11½	6	M	1.34 " "
Jan. 1851	*b* 11½	7	M	.75 " "	July 1872	*c* 11½	6	M	1.34 " "
July 1851	*b* 11½	7	M	.75 " "	Jan. 1873	*c* 11½	6	M	1.34 " "
Jan. 1852	*b* 11½	7	M	.75 " "	July 1873	*c* 11½	6	M	1.34 " "
July 1852	*b* 11½	7	M	.75 " "	Jan. 1874	*c* 11½	6	M	1.34 " "
Jan. 1853	*b* 11½	6	M	.75 " "	July 1874	*c* 11½	6	M	1.34 " "
July 1853	*b* 11½	6	M	.75 " "	Jan. 1875	*a* 11	6	M	1.22 " "
Jan. 1854	*c* 11½	6	M	.75 " "	July 1875	*a* 11	6	M	1.22 " "
July 1854	*c* 11½	6	M	.75 " "	Jan. 1876	*a* 11	6	M	1.22 " "
Jan. 1855	*c* 11½	6	M	.75 " "	July 1876	*a* 11	6	M	1.20 " "
July 1855	*c* 11½	6	M	.75 " "	Jan. 1877	*a* 11	6	M	1.25 " "
Jan. 1856	*c* 11½	7	M	.75 " "	July 1877	*a* 11	6	M	1.27 " "
July 1856	*c* 11½	7	M	.75 " "	Jan. 1878	*a* 11	5	M	1.27 " "
Jan. 1857	*c* 11½	7	M	.75 " "	July 1878	*a* 11	5	M	1.27 " "
July 1857	*c* 11½	7	M	.75 " "	Jan. 1879	*a* 11	5	M	1.25 " "
Jan. 1858	*c* 11½	7	M	.75 " "	July 1879	*a* 11	5	M	1.15 " "
July 1858	*c* 11½	7	M	.75 " "	Jan. 1880	*a* 11	5	M	1.15 " "
Jan. 1859	*c* 11½	7	M	.75 " "	July 1880	*a* 11	5	M	1.15 " "
July 1859	*c* 11½	7	M	.75 " "	Jan. 1881	*a* 11	5	M	1.15 " "
Jan. 1860	*c* 11½	7	M	.75 " "	July 1881	*a* 11	5	M	1.15 " "
July 1860	*c* 11½	7	M	.75 " "	Jan. 1882	*a* 11	5	M	1.15 " "
Jan. 1861	*c* 11½	7	M	.75 " "	July 1882	*a* 11	5	M	1.15 " "
July 1861	*c* 11½	7	M	.75 " "	Jan. 1883	*a* 11	5	M	1.20 " "
Jan. 1862	*c* 11½	6	M	.75 " "	July 1883	*a* 11	5	M	1.20 " "
July 1862	*c* 11½	6	M	.75 " "	Jan. 1884	*a* 11	5	M	1.15 " "
Jan. 1863	*c* 11½	3	M	.83 " "	July 1884	*a* 11	5	M	1.10 " "
July 1863	*c* 11½	3	M	.83 " "	Jan. 1885	*a* 11	5	M	1.10 " "
Jan. 1864	*c* 11½	6	M	.83 " "	July 1885	*a* 11	5	M	1.00 " "
July 1864	*c* 11½	6	M	1.00 " "	Jan. 1886	*a* 11	5	M	1.00 " "
Jan. 1865	*c* 11½	6	M	1.12 " "	July 1886	*a* 11	5	M	1.05 " "
July 1865	*c* 11½	6	M	1.25 " "	Jan. 1887	*a* 11	5	M	1.05 " "
Jan. 1866	*c* 11½	5	M	1.40 " "	July 1887	*a* 11	6	M	1.05 " "
July 1866	*c* 11½	5	M	1.40 " "	Jan. 1888	*a* 11	6	M	1.05 " "
Jan. 1867	*c* 11½	5	M	1.40 " "	July 1888	*a* 11	6	M	1.05 " "
July 1867	*c* 11½	7	M	1.40 " "	Jan. 1889	*a* 11	6	M	1.05 " "
Jan. 1868	*c* 11½	6	M	1.34 " "	July 1889	*a* 11	6	M	1.05 " "
July 1868	*c* 11½	6	M	1.34 " "	Jan. 1890	*a* 11	6	M	1.05 " "
Jan. 1869	*c* 11½	6	M	1.34 " "	July 1890	*a* 11	6	M	1.05 " "
July 1869	*c* 11½	7	M	1.34 " "	Jan. 1891	*a* 11	6	M	1.05 " "
Jan. 1870	*c* 11½	6	M	1.34 " "	July 1891	*a* 11	8	M	1.05 " "

CARPENTERS.

July 1848	*b* 11½	3	M	1.50 per day.	July 1853	*b* 11½	4	M	1.75 per day.
Jan. 1849	*b* 11½	4	M	1.50 " "	Jan. 1854	*c* 11½	5	M	1.75 " "
July 1849	*b* 11½	4	M	1.50 " "	July 1854	*c* 11½	6	M	1.62½ " "
Jan. 1850	*b* 11½	5	M	1.50 " "	Jan. 1855	*c* 11½	4	M	1.62½ " "
July 1850	*b* 11½	3	M	1.50 " "	July 1855	*c* 11½	4	M	1.75 " "
Jan. 1851	*b* 11½	2	M	1.50 " "	Jan. 1856	*c* 11½	4	M	1.75 " "
July 1851	*b* 11½	4	M	1.50 " "	July 1856	*c* 11½	4	M	1.75 " "
Jan. 1852	*b* 11½	4	M	1.50 " "	Jan. 1857	*c* 11½	3	M	1.75 " "
July 1852	*b* 11½	3	M	1.50 " "	July 1857	*c* 11½	3	M	1.75 " "
Jan. 1853	*b* 11½	3	M	1.50 " "	Jan. 1858	*c* 11½	4	M	1.75 " "

a On Saturday, 5 hours only. *b* On Saturday, 9 hours only. *c* On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

CARPENTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1858	*a* 11½	5	M	$1.75 per day.	July 1875	*b* 11	7	M	$2.70 per day.
Jan. 1859	*a* 11½	5	M	1.75 " "	Jan. 1876	*b* 11	10	M	2.50 " "
July 1859	*a* 11½	5	M	1.75 " "	July 1876	*b* 11	2	M	2.50 " "
Jan. 1860	*a* 11½	4	M	1.75 " "	Jan. 1877	*b* 11	2	M	2.50 " "
July 1860	*a* 11½	4	M	1.75 " "	July 1877	*b* 11	2	M	2.50 " "
Jan. 1861	*a* 11½	2	M	1.75 " "	Jan. 1878	*b* 11	2	M	2.50 " "
July 1861	*a* 11½	2	M	1.50 " "	July 1878	*b* 11	6	M	2.50 " "
Jan. 1862	*a* 11½	2	M	1.50 " "	Jan. 1879	*b* 11	7	M	2.25 " "
July 1862	*a* 11½	2	M	1.50 " "	July 1879	*b* 11	7	M	2.25 " "
Jan. 1863	*a* 11½	2	M	1.50 " "	Jan. 1880	*b* 11	6	M	2.25 " "
July 1863	*a* 11½	3	M	1.75 " "	July 1880	*b* 11	17	M	2.25 " "
Jan. 1864	*a* 11½	4	M	1.75 " "	Jan. 1881	*b* 11	22	M	2.50 " "
July 1864	*a* 11½	4	M	2.00 " "	July 1881	*b* 11	8	M	2.50 " "
Jan. 1865	*a* 11½	4	M	2.00 " "	Jan. 1882	*b* 11	15	M	2.50 " "
July 1865	*a* 11½	4	M	2.25 " "	July 1882	*b* 11	16	M	2.50 " "
Jan. 1866	*a* 11½	5	M	2.25 " "	Jan. 1883	*b* 11	11	M	2.45 " "
July 1866	*a* 11½	6	M	2.35 " "	July 1883	*b* 11	4	M	2.45 " "
Jan. 1867	*a* 11½	6	M	2.35 " "	Jan. 1884	*b* 11	5	M	2.45 " "
July 1867	*a* 11½	6	M	2.50 " "	July 1884	*b* 11	4	M	2.40 " "
Jan. 1868	*a* 11½	5	M	2.50 " "	Jan. 1885	*b* 11	4	M	2.28 " "
July 1868	*a* 11½	5	M	2.50 " "	July 1885	*b* 11	8	M	2.28 " "
Jan. 1869	*a* 11½	7	M	2.50 " "	Jan. 1886	*b* 11	14	M	2.28 " "
July 1869	*a* 11½	8	M	2.75 " "	July 1886	*b* 11	15	M	2.40 " "
Jan. 1870	*a* 11½	12	M	2.75 " "	Jan. 1887	*b* 11	8	M	2.40 " "
July 1870	*a* 11½	6	M	2.75 " "	July 1887	*b* 11	7	M	2.40 " "
Jan. 1871	*a* 11½	4	M	2.75 " "	Jan. 1888	*b* 11	4	M	2.40 " "
July 1871	*a* 11½	9	M	2.75 " "	July 1888	*b* 11	4	M	2.40 " "
Jan. 1872	*a* 11½	9	M	2.75 " "	Jan. 1889	*b* 11	5	M	2.40 " "
July 1872	*a* 11½	8	M	2.75 " "	July 1889	*b* 11	7	M	2.40 " "
Jan. 1873	*a* 11½	3	M	2.75 " "	Jan. 1890	*b* 11	6	M	2.40 " "
July 1873	*a* 11½	7	M	2.75 " "	July 1890	*b* 11	15	M	2.40 " "
Jan. 1874	*a* 11½	5	M	2.75 " "	Jan. 1891	*b* 11	10	M	2.40 " "
July 1874	*a* 11½	5	M	2.75 " "	July 1891	*b* 11	17	M	2.40 " "
Jan. 1875	*b* 11	2	M	2.27 " "					

DOFFERS.

Jan. 1849	*c* 11½	4	*d*	.40 per day.	July 1866	*a* 11½	7	*d*	.75 per day.
July 1849	*c* 11½	6	*d*	.40 " "	Jan. 1867	*a* 11½	7	*d*	.80 " "
Jan. 1850	*c* 11½	6	*d*	.40 " "	July 1867	*a* 11½	7	*d*	.80 " "
July 1850	*c* 11½	5	*d*	.40 " "	Jan. 1868	*a* 11½	7	*d*	.80 " "
Jan. 1851	*c* 11½	5	*d*	.45 " "	July 1868	*a* 11½	7	*d*	.80 " "
July 1851	*c* 11½	4	*d*	.45 " "	Jan. 1869	*a* 11½	7	*d*	.75 " "
Jan. 1852	*c* 11½	4	*d*	.45 " "	July 1869	*a* 11½	7	*d*	.75 " "
July 1852	*c* 11½	6	*d*	.45 " "	Jan. 1870	*a* 11½	7	*d*	.65 " "
Jan. 1853	*c* 11½	6	*d*	.45 " "	July 1870	*a* 11½	8	*d*	.70 " "
July 1853	*c* 11½	6	*d*	.45 " "	Jan. 1871	*a* 11½	6	*d*	.70 " "
Jan. 1854	*a* 11½	6	*d*	.45 " "	July 1871	*a* 11½	7	*d*	.70 " "
July 1854	*a* 11½	6	*d*	.45 " "	Jan. 1872	*a* 11½	7	*d*	.70 " "
Jan. 1855	*a* 11½	6	*d*	.50 " "	July 1872	*a* 11½	7	*d*	.70 " "
July 1855	*a* 11½	6	*d*	.50 " "	Jan. 1873	*a* 11½	7	*d*	.70 " "
Jan. 1856	*a* 11½	6	*d*	.50 " "	July 1873	*a* 11½	7	*d*	.70 " "
July 1856	*a* 11½	6	*d*	.50 " "	Jan. 1874	*a* 11½	7	*d*	.70 " "
Jan. 1857	*a* 11½	6	*d*	.50 " "	July 1874	*a* 11½	7	*d*	.60 " "
July 1857	*a* 11½	6	*d*	.50 " "	Jan. 1875	*b* 11	7	*d*	.64 " "
Jan. 1858	*a* 11½	6	*d*	.50 " "	July 1875	*b* 11	7	*d*	.64 " "
July 1858	*a* 11½	6	*d*	.50 " "	Jan. 1876	*b* 11	8	*d*	.62 " "
Jan. 1859	*a* 11½	6	*d*	.50 " "	July 1876	*b* 11	8	*d*	.62 " "
July 1859	*a* 11½	6	*d*	.47 " "	Jan. 1877	*b* 11	7	*d*	.60 " "
Jan. 1860	*a* 11½	5	*d*	.45 " "	July 1877	*b* 11	8	*d*	.60 " "
July 1860	*a* 11½	5	*d*	.45 " "	Jan. 1878	*b* 11	7	*d*	.60 " "
Jan. 1861	*a* 11½	5	*d*	.45 " "	July 1878	*b* 11	8	*d*	.60 " "
July 1861	*a* 11½	5	*d*	.45 " "	Jan. 1879	*b* 11	9	*d*	.60 " "
Jan. 1862	*a* 11½	4	*d*	.50 " "	July 1879	*b* 11	8	*d*	.60 " "
July 1862	*a* 11½	4	*d*	.55 " "	Jan. 1880	*b* 11	9	*d*	.60 " "
Jan. 1863	*a* 11½	4	*d*	.55 " "	July 1880	*b* 11	8	*d*	.60 " "
July 1863	*a* 11½	4	*d*	.55 " "	Jan. 1881	*b* 11	8	*d*	.62 " "
Jan. 1864	*a* 11½	4	*d*	.65 " "	July 1881	*b* 11	8	*d*	.64 " "
July 1864	*a* 11½	5	*d*	.70 " "	Jan. 1882	*b* 11	11	*d*	.62 " "
Jan. 1865	*a* 11½	6	*d*	.75 " "	July 1882	*b* 11	15	*d*	.62 " "
July 1865	*a* 11½	6	*d*	.75 " "	Jan. 1883	*b* 11	14	*d*	.60 " "
Jan. 1866	*b* 11	7	*d*	.75 " "	July 1883	*b* 11	13	*d*	.45 " "

a On Saturday, 8½ hours only.
b On Saturday, 5 hours only.
c On Saturday, 9 hours only.
d Both males and females were employed, but it was impossible to ascertain the number of each.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

DOFFERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884	*a* 11	13	*b*	$0.60 per day.	Jan. 1888	*a* 11	22	*b*	$0.68 per day.
July 1884	*a* 11	13	*b*	.58 " "	July 1888	*a* 11	24	*b*	.68 " "
Jan. 1885	*a* 11	16	*b*	.60 " "	Jan. 1889	*a* 11	20	*b*	.68 " "
July 1885	*a* 11	16	*b*	.60 " "	July 1889	*a* 11	20	*b*	.68 " "
Jan. 1886	*a* 11	16	*b*	.60 " "	Jan. 1890	*a* 11	18	*b*	.68 " "
July 1886	*a* 11	20	*b*	.64 " "	July 1890	*a* 11	16	*b*	.68 " "
Jan. 1887	*a* 11	22	*b*	.66 " "	Jan. 1891	*a* 11	14	*b*	.68 " "
July 1887	*a* 11	22	*b*	.67 " "	July 1891	*a* 11	14	*b*	.68 " "

DRAWERS-IN.

July 1848	*c* 11½	3	F	.82 per day.	July 1870	*d* 11½	9	F	1.24 per day.
Jan. 1849	*c* 11½	3	F	.83 " "	Jan. 1871	*d* 11½	9	F	1.15 " "
July 1849	*c* 11½	4	F	.90 " "	July 1871	*d* 11½	10	F	1.41 " "
Jan. 1850	*c* 11½	6	F	.85 " "	Jan. 1872	*d* 11½	9	F	1.31 " "
July 1850	*c* 11½	7	F	.80 " "	July 1872	*d* 11½	11	F	1.31 " "
Jan. 1851	*c* 11½	7	F	.80 " "	Jan. 1873	*d* 11½	6	F	1.24 " "
July 1851	*c* 11½	7	F	.85 " "	July 1873	*d* 11½	6	F	1.55 " "
Jan. 1852	*c* 11½	6	F	.85 " "	Jan. 1874	*d* 11½	4	F	1.29 " "
July 1852	*c* 11½	5	F	.80 " "	July 1874	*d* 11½	5	F	1.48 " "
Jan. 1853	*c* 11½	5	F	.84 " "	Jan. 1875	*a* 11	5	F	1.55½ " "
July 1853	*c* 11½	5	F	.76 " "	July 1875	*a* 11	5	F	1.32 " "
Jan. 1854	*d* 11½	5	F	.72 " "	Jan. 1876	*a* 11	5	F	1.43 " "
July 1854	*d* 11½	6	F	.75 " "	July 1876	*a* 11	6	F	1.15 " "
Jan. 1855	*d* 11½	5	F	.85 " "	Jan. 1877	*a* 11	4	F	1.37 " "
July 1855	*d* 11½	4	F	.86 " "	July 1877	*a* 11	6	F	1.34 " "
Jan. 1856	*d* 11½	4	F	.84 " "	Jan. 1878	*a* 11	6	F	1.36 " "
July 1856	*d* 11½	4	F	.82 " "	July 1878	*a* 11	6	F	1.34 " "
Jan. 1857	*d* 11½	4	F	.84 " "	Jan. 1879	*a* 11	7	F	1.42 " "
July 1857	*d* 11½	6	F	.88 " "	July 1879	*a* 11	5	F	1.36 " "
Jan. 1858	*d* 11½	5	F	.86 " "	Jan. 1880	*a* 11	6	F	1.50 " "
July 1858	*d* 11½	5	F	.85 " "	July 1880	*a* 11	5	F	1.47 " "
Jan. 1859	*d* 11½	5	F	.84 " "	Jan. 1881	*a* 11	6	F	1.35 " "
July 1859	*d* 11½	4	F	.80 " "	July 1881	*a* 11	6	F	1.30 " "
Jan. 1860	*d* 11½	5	F	.80 " "	Jan. 1882	*a* 11	8	F	1.22 " "
July 1860	*d* 11½	5	F	.80 " "	July 1882	*a* 11	9	F	1.16 " "
Jan. 1861	*d* 11½	4	F	.80 " "	Jan. 1883	*a* 11	8	F	1.43 " "
July 1861	*d* 11½	4	F	.92 " "	July 1883	*a* 11	8	F	1.33 " "
Jan. 1862	*d* 11½	4	F	.94 " "	Jan. 1884	*a* 11	8	F	1.33 " "
July 1862	*d* 11½	4	F	.89 " "	July 1884	*a* 11	8	F	1.05½ " "
Jan. 1863	*d* 11½	5	F	.86 " "	Jan. 1885	*a* 11	9	F	1.15 " "
Jan. 1863	*d* 11½	5	F	.83 " "	July 1885	*a* 11	9	F	1.00 " "
July 1864	*d* 11½	5	F	.82 " "	Jan. 1886	*a* 11	9	F	1.24 " "
Jan. 1864	*d* 11½	5	F	.82 " "	July 1886	*a* 11	9	F	1.16 " "
July 1865	*d* 11½	5	F	.82 " "	Jan. 1887	*a* 11	11	F	1.20 " "
Jan. 1865	*d* 11½	6	F	.80 " "	July 1887	*a* 11	11	F	1.14 " "
July 1866	*d* 11½	6	F	1.00 " "	Jan. 1888	*a* 11	11	F	1.12 " "
Jan. 1866	*d* 11½	6	F	1.20 " "	July 1888	*a* 11	12	F	1.20 " "
July 1867	*d* 11½	6	F	1.30 " "	Jan. 1889	*a* 11	12	F	1.15 " "
Jan. 1867	*d* 11½	6	F	1.37 " "	July 1889	*a* 11	13	F	1.12 " "
Jan. 1868	*d* 11½	6	F	1.28 " "	Jan. 1890	*a* 11	13	F	1.12 " "
July 1868	*d* 11½	6	F	1.25 " "	July 1890	*a* 11	14	F	1.15 " "
Jan. 1869	*d* 11½	6	F	1.23 " "	Jan. 1891	*a* 11	14	F	1.05 " "
July 1869	*d* 11½	6	F	1.23 " "	July 1891	*a* 11	14	F	.95 " "
Jan. 1870	*d* 11½	9	F	1.23 " "					

DRAWING-FRAME TENDERS.

Jan. 1849	*c* 11½	3	F	.47 per day.	July 1854	*d* 11½	10	F	.45 per day.
July 1849	*c* 11½	6	F	.47 " "	Jan. 1855	*d* 11½	10	F	.45 " "
Jan. 1850	*c* 11½	8	F	.47 " "	July 1855	*d* 11½	10	F	.47 " "
July 1850	*c* 11½	8	F	.47 " "	Jan. 1856	*d* 11½	10	F	.49 " "
Jan. 1851	*c* 11½	8	F	.47 " "	July 1856	*d* 11½	10	F	.49 " "
July 1851	*c* 11½	7	F	.47 " "	Jan. 1857	*d* 11½	10	F	.49 " "
Jan. 1852	*c* 11½	7	F	.47 " "	July 1857	*d* 11½	10	F	.49 " "
July 1852	*c* 11½	8	F	.45 " "	Jan. 1858	*d* 11½	10	F	.49 " "
Jan. 1853	*c* 11½	9	F	.45 " "	July 1858	*d* 11½	10	F	.49 " "
July 1853	*c* 11½	9	F	.45 " "	Jan. 1859	*d* 11½	10	F	.49 " "
Jan. 1854	*d* 11½	10	F	.45 " "	July 1859	*d* 11½	10	F	.49 " "

a On Saturday, 5 hours only.
b Both males and females were employed, but it was impossible to ascertain the number of each.
c On Saturday, 9 hours only.
d On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

DRAWING-FRAME TENDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1860	*a* 11½	10	F	$0.49 per day.	Jan. 1876	*b* 11	9	F	$0.75 per day.
July 1860	*a* 11½	10	F	.50 " "	July 1876	*b* 11	8	F	.70 " "
Jan. 1861	*a* 11½	10	F	.50 " "	Jan. 1877	*b* 11	7	F	.67 " "
July 1861	*a* 11½	9	F	.50 " "	July 1877	*b* 11	7	F	.67 " "
Jan. 1862	*a* 11½	10	F	.50 " "	Jan. 1878	*b* 11	6	F	.67 " "
July 1862	*a* 11½	10	F	.50 " "	July 1878	*b* 11	6	F	.67 " "
Jan. 1863	*a* 11½	8	F	.50 " "	Jan. 1879	*b* 11	5	F	.67 " "
July 1863	*a* 11½	8	F	.50 " "	July 1879	*b* 11	5	F	.67 " "
Jan. 1864	*a* 11½	11	F	.55 " "	Jan. 1880	*b* 11	6	F	.67 " "
July 1864	*a* 11½	14	F	.60 " "	July 1880	*b* 11	6	F	.67 " "
Jan. 1865	*a* 11½	12	F	.65 " "	Jan. 1881	*b* 11	6	F	.80 " "
July 1865	*a* 11½	15	F	.80 " "	July 1881	*b* 11	7	F	.80 " "
Jan. 1866	*a* 11½	10	F	.80 " "	Jan. 1882	*b* 11	6	F	.85 " "
July 1866	*a* 11½	12	F	.85 " "	July 1882	*b* 11	6	F	.85 " "
Jan. 1867	*a* 11½	14	F	.85 " "	Jan. 1883	*b* 11	5	F	.85 " "
July 1867	*a* 11½	14	F	.85 " "	July 1883	*b* 11	5	F	.85 " "
Jan. 1868	*a* 11½	13	F	.82 " "	Jan. 1884	*b* 11	5	F	.75 " "
July 1868	*a* 11½	12	F	.82 " "	July 1884	*b* 11	5	F	.70 " "
Jan. 1869	*a* 11½	12	F	.82 " "	Jan. 1885	*b* 11	6	F	.67 " "
July 1869	*a* 11½	12	F	.82 " "	July 1885	*b* 11	7	F	.76 " "
Jan. 1870	*a* 11½	13	F	.82 " "	Jan. 1886	*b* 11	5	F	.76 " "
July 1870	*a* 11½	11	F	.82 " "	July 1886	*b* 11	5	F	.80 " "
Jan. 1871	*a* 11½	11	F	.82 " "	Jan. 1887	*b* 11	8	F	.80 " "
July 1871	*a* 11½	10	F	.82 " "	July 1887	*b* 11	9	F	.80 " "
Jan. 1872	*a* 11½	10	F	.82 " "	Jan. 1888	*b* 11	9	F	.80 " "
July 1872	*a* 11½	10	F	.82 " "	July 1888	*b* 11	9	F	.80 " "
Jan. 1873	*a* 11½	10	F	.82 " "	Jan. 1889	*b* 11	9	F	.80 " "
July 1873	*a* 11½	9	F	.82 " "	July 1889	*b* 11	8	F	.80 " "
Jan. 1874	*a* 11½	9	F	.82 " "	Jan. 1890	*b* 11	9	F	.80 " "
July 1874	*a* 11½	9	F	.82 " "	July 1890	*b* 11	9	F	.80 " "
Jan. 1875	*b* 11	8	F	.75 " "	Jan. 1891	*b* 11	9	F	.80 " "
July 1875	*b* 11	9	F	.75 " "	July 1891	*b* 11	11	F	.80 " "

DRESSERS.

July 1848	*c* 11½	9	M	1.25 per day.	July 1867	*a* 11½	14	M	2.49 per day.
Jan. 1849	*c* 11½	6	M	1.35 " "	Jan. 1868	*a* 11½	14	M	2.25 " "
July 1849	*c* 11½	11	M	1.46 " "	July 1868	*a* 11½	12	M	2.16 " "
Jan. 1850	*c* 11½	15	M	1.50 " "	Jan. 1869	*a* 11½	12	M	2.18 " "
July 1850	*c* 11½	13	M	1.63 " "	July 1869	*a* 11½	13	M	2.50 " "
Jan. 1851	*c* 11½	14	M	1.63 " "	Jan. 1870	*a* 11½	13	M	2.26 " "
July 1851	*c* 11½	14	M	1.63 " "	July 1870	*a* 11½	12	M	3.08 " "
Jan. 1852	*c* 11½	14	M	1.63 " "	Jan. 1871	*a* 11½	13	M	2.76 " "
July 1852	*c* 11½	14	M	1.63 " "	July 1871	*a* 11½	8	M	2.59 " "
Jan. 1853	*c* 11½	14	M	1.52 " "	Jan. 1872	*a* 11½	10	M	2.81 " "
July 1853	*c* 11½	14	M	1.59 " "	July 1872	*a* 11½	10	M	2.90 " "
Jan. 1854	*a* 11½	14	M	1.60 " "	Jan. 1873	*a* 11½	10	M	2.76 " "
July 1854	*a* 11½	14	M	1.65 " "	July 1873	*a* 11½	10	M	2.93 " "
Jan. 1855	*a* 11½	14	M	1.67 " "	Jan 1874	*a* 11½	11	M	2.58 " "
July 1855	*a* 11½	14	M	1.73 " "	July 1874	*a* 11½	10	M	3.04 " "
Jan. 1856	*a* 11½	14	M	1.74 " "	Jan. 1875	*b* 11	12	M	2.73 " "
July 1856	*a* 11½	14	M	1.66 " "	July 1875	*b* 11	12	M	2.57 " "
Jan. 1857	*a* 11½	14	M	1.68 " "	Jan. 1876	*b* 11	11	M	2.83 " "
July 1857	*a* 11½	14	M	1.88 " "	July 1876	*b* 11	10	M	2.13 " "
Jan. 1858	*a* 11½	14	M	1.74 " "	Jan. 1877	*b* 11	11	M	2.59 " "
July 1858	*a* 11½	14	M	1.60 " "	July 1877	*b* 11	12	M	2.19 " "
Jan. 1859	*a* 11½	14	M	1.79 " "	Jan. 1878	*b* 11	12	M	2.36 " "
July 1859	*a* 11½	14	M	1.74 " "	July 1878	*b* 11	10	M	2.21 " "
Jan. 1860	*a* 11½	14	M	1.64 " "	Jan. 1879	*b* 11	12	M	2.48 " "
July 1860	*a* 11½	14	M	1.84 " "	July 1879	*b* 11	12	M	1.99 " "
Jan. 1861	*a* 11½	14	M	1.80 " "	Jan. 1880	*b* 11	13	M	2.21 " "
July 1861	*a* 11½	9	M	1.84 " "	July 1880	*b* 11	13	M	2.10 " "
Jan. 1862	*a* 11½	10	M	1.87 " "	Jan. 1881	*b* 11	12	M	2.14 " "
July 1862	*a* 11½	10	M	1.96 " "	July 1881	*b* 11	15	M	1.85 " "
Jan. 1863	*a* 11½	10	M	1.92 " "	Jan. 1882	*b* 11	17	M	2.00 " "
July 1863	*a* 11½	11	M	1.76 " "	July 1882	*b* 11	16	M	2.09 " "
Jan. 1864	*a* 11½	11	M	1.80 " "	Jan. 1883	*b* 11	17	M	2.34 " "
July 1864	*a* 11½	9	M	1.83 " "	July 1883	*b* 11	16	M	1.95 " "
Jan. 1865	*a* 11½	10	M	1.94 " "	Jan. 1884	*b* 11	16	M	2.14 " "
July 1865	*a* 11½	11	M	2.15 " "	July 1884	*b* 11	15	M	1.87 " "
July 1866	*a* 11½	14	M	2.25 " "	Jan. 1885	*b* 11	16	M	2.11 " "
July 1866	*a* 11½	14	M	2.27 " "	July 1885	*b* 11	14	M	1.86 " "
Jan. 1867	*a* 11½	14	M	2.27 " "	Jan. 1886	*b* 11	15	M	2.07 " "

a On Saturday, 8½ hours only. *b* On Saturday, 5 hours only. *c* On Saturday, 9 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

DRESSERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1886	*a* 11	14	M	$2.06 per day.	July 1889	*a* 11	13	M	$3.05 per day.
Jan. 1887	*a* 11	15	M	2.08 " "	Jan. 1890	*a* 11	14	M	3.12 " "
July 1887	*a* 11	15	M	2.20 " "	July 1890	*a* 11	14	M	3.45 " "
Jan. 1888	*a* 11	16	M	2.24 " "	Jan. 1891	*a* 11	14	M	3.10 " "
July 1888	*a* 11	17	M	2.35 " "	July 1891	*a* 11	13	M	2.95 " "
Jan. 1889	*a* 11	17	M	2.74 " "					

DYERS.

July 1848	*b* 11½	10	M	1.00 per day.	July 1870	*c* 11½	23	M	1.70 per day.
Jan. 1849	*b* 11½	9	M	1.00 " "	Jan. 1871	*c* 11½	30	M	1.70 " "
July 1849	*b* 11½	16	M	1.00 " "	July 1871	*c* 11½	30	M	1.70 " "
Jan. 1850	*b* 11½	20	M	1.00 " "	Jan. 1872	*c* 11½	29	M	1.70 " "
July 1850	*b* 11½	26	M	1.00 " "	July 1872	*c* 11½	29	M	1.70 " "
Jan. 1851	*b* 11½	24	M	1.00 " "	Jan. 1873	*c* 11½	30	M	1.70 " "
July 1851	*b* 11½	21	M	1.00 " "	July 1873	*c* 11½	30	M	1.70 " "
Jan. 1852	*b* 11½	15	M	1.00 " "	Jan. 1874	*c* 11½	30	M	1.70 " "
July 1852	*b* 11½	26	M	1.00 " "	July 1874	*c* 11½	34	M	1.70 " "
Jan. 1853	*b* 11½	21	M	1.00 " "	Jan. 1875	*a* 11	32	M	1.70 " "
July 1853	*b* 11½	20	M	1.00 " "	July 1875	*a* 11	29	M	1.70 " "
Jan. 1854	*c* 11½	20	M	1.00 " "	Jan. 1876	*a* 11	27	M	1.70 " "
July 1854	*c* 11½	20	M	1.00 " "	July 1876	*a* 11	36	M	1.60 " "
Jan. 1855	*c* 11½	20	M	1.00 " "	Jan. 1877	*a* 11	34	M	1.50 " "
July 1855	*c* 11½	22	M	1.00 " "	July 1877	*a* 11	35	M	1.40 " "
Jan. 1856	*c* 11½	24	M	1.00 " "	Jan. 1878	*a* 11	34	M	1.40 " "
July 1856	*c* 11½	26	M	1.00 " "	July 1878	*a* 11	37	M	1.40 " "
Jan. 1857	*c* 11½	27	M	1.00 " "	Jan. 1879	*a* 11	38	M	1.40 " "
July 1857	*c* 11½	31	M	1.00 " "	July 1879	*a* 11	42	M	1.35 " "
Jan. 1858	*c* 11½	30	M	1.00 " "	Jan. 1880	*a* 11	44	M	1.35 " "
July 1858	*c* 11½	27	M	1.00 " "	July 1880	*a* 11	48	M	1.45 " "
Jan. 1859	*c* 11½	26	M	1.00 " "	Jan. 1881	*a* 11	44	M	1.45 " "
July 1859	*c* 11½	24	M	1.00 " "	July 1881	*a* 11	50	M	1.45 " "
Jan. 1860	*c* 11½	24	M	1.00 " "	Jan. 1882	*a* 11	60	M	1.45 " "
July 1860	*c* 11½	24	M	1.00 " "	July 1882	*a* 11	64	M	1.45 " "
Jan. 1861	*c* 11½	24	M	1.00 " "	Jan 1883	*a* 11	68	M	1.47½ " "
July 1861	*c* 11½	22	M	1.00 " "	July 1883	*a* 11	56	M	1.47½ " "
Jan. 1862	*c* 11½	22	M	1.00 " "	Jan. 1884	*a* 11	46	M	1.40 " "
July 1862	*c* 11½	22	M	1.00 " "	July 1884	*a* 11	55	M	1.40 " "
Jan. 1863	*c* 11½	12	M	1.00 " "	Jan. 1885	*a* 11	47	M	1.33 " "
July 1863	*c* 11½	12	M	1.00 " "	July 1885	*a* 11	47	M	1.33 " "
Jan. 1864	*c* 11½	16	M	1.25 " "	Jan. 1886	*a* 11	42	M	1.33 " "
July 1864	*c* 11½	23	M	1.50 " "	July 1886	*a* 11	45	M	1.50 " "
Jan. 1865	*c* 11½	24	M	1.50 " "	Jan. 1887	*a* 11	37	M	1.50 " "
July 1865	*c* 11½	33	M	1.75 " "	July 1887	*a* 11	38	M	1.50 " "
Jan. 1866	*c* 11½	35	M	1.75 " "	Jan. 1888	*a* 11	40	M	1.50 " "
July 1866	*c* 11½	35	M	1.75 " "	July 1888	*a* 11	44	M	1.50 " "
Jan. 1867	*c* 11½	35	M	1.75 " "	Jan. 1889	*a* 11	47	M	1.50 " "
July 1867	*c* 11½	41	M	1.75 " "	July 1889	*a* 11	46	M	1.50 " "
Jan. 1868	*c* 11½	41	M	1.75 " "	Jan. 1890	*a* 11	48	M	1.50 " "
July 1868	*c* 11½	42	M	1.63 " "	July 1890	*a* 11	46	M	1.50 " "
Jan. 1869	*c* 11½	30	M	1.63 " "	Jan. 1891	*a* 11	47	M	1.50 " "
July 1869	*c* 11½	28	M	1.63 " "	July 1891	*a* 11	52	M	1.50 " "
Jan. 1870	*c* 11½	28	M	1.70 " "					

LOOM FIXERS.

July 1848	*b* 11½	7	M	1.25 per day.	July 1852	*b* 11½	4	M	1.00 per day.
Jan. 1849	*b* 11½	9	M	1.40 " "		*b* 11½	6	M	1.25 " "
July 1849	*b* 11½	11	M	1.40 " "		*b* 11½	5	M	1.50 " "
Jan. 1850	*b* 11½	12	M	1.40 " "	Average	*b* 11½	15	M	1.26⅔ " "
July 1850	*b* 11½	14	M	1.40 " "					
Jan. 1851	*b* 11½	13	M	1.37 " "	Jan. 1853	*b* 11½	5	M	1.00 " "
						b 11½	5	M	1.25 " "
July 1851	*b* 11½	2	M	1.25 " "		*b* 11½	5	M	1.50 " "
	b 11½	8	M	1.35 " "					
					Average	*b* 11½	15	M	1.25 " "
Average	*b* 11½	10	M	1.33 " "					
					July 1853	*b* 11½	5	M	1.00 " "
Jan. 1852	*b* 11½	4	M	1.00 " "		*b* 11½	5	M	1.25 " "
	b 11½	6	M	1.25 " "		*b* 11½	5	M	1.50 " "
	b 11½	5	M	1.50 " "					
					Average	*b* 11½	15	M	1.25 " "
Average	*b* 11½	15	M	1.26½ " "					

a On Saturday, 5 hours only. *b* On Saturday, 9 hours only. *c* On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

LOOM FIXERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854	*a* 11½	5	M	$1.00 per day.	July 1860	*a* 11½	4	M	$1.23 per day.
	a 11½	5	M	1.25 " "		*a* 11½	4	M	1.54 " "
	a 11½	5	M	1.50 " "		*a* 11½	5	M	1.87 " "
Average	*a* 11½	15	M	1.25 " "	Average	*a* 11½	13	M	1.57 " "
July 1854	*a* 11½	5	M	1.00 " "	Jan. 1861	*a* 11½	4	M	1.20 " "
	a 11½	4	M	1.25 " "		*a* 11½	4	M	1.55 " "
	a 11½	5	M	1.50 " "		*a* 11½	5	M	1.80 " "
Average	*a* 11½	14	M	1.25 " "	Average	*a* 11½	13	M	1.54 " "
Jan. 1855	*a* 11½	5	M	1.00 " "	July 1861	*a* 11½	4	M	1.30 " "
	a 11½	4	M	1.25 " "		*a* 11½	4	M	1.50 " "
	a 11½	5	M	1.50 " "		*a* 11½	5	M	2.00 " "
Average	*a* 11½	14	M	1.25 " "	Average	*a* 11½	13	M	1.63 " "
July 1855	*a* 11½	4	M	1.17 " "	Jan. 1862	*a* 11½	4	M	1.00 " "
	a 11½	4	M	1.23 " "		*a* 11½	4	M	1.50 " "
	a 11½	5	M	1.84 " "		*a* 11½	5	M	1.85 " "
Average	*a* 11½	13	M	1.44½ " "	Average	*a* 11½	13	M	1.48 " "
Jan. 1856	*a* 11½	4	M	1.26 " "	July 1862	*a* 11½	4	M	1.00 " "
	a 11½	4	M	1.72 " "		*a* 11½	4	M	1.30 " "
	a 11½	5	M	1.94 " "		*a* 11½	5	M	1.62 " "
Average	*a* 11½	13	M	1.66½ " "	Average	*a* 11½	13	M	1.33 " "
July 1856	*a* 11½	4	M	1.28 " "	Jan. 1863	*a* 11½	3	M	1.00 " "
	a 11½	4	M	1.73 " "		*a* 11½	4	M	1.30 " "
	a 11½	5	M	1.93 " "		*a* 11½	5	M	2.40 " "
Average	*a* 11½	13	M	1.67 " "	Average	*a* 11½	12	M	1.68¾ " "
Jan. 1857	*a* 11½	4	M	1.33 " "	July 1863	*a* 11½	3	M	1.00 " "
	a 11½	4	M	1.70 " "		*a* 11½	4	M	1.30 " "
	a 11½	5	M	1.98 " "		*a* 11½	5	M	2.00 " "
Average	*a* 11½	13	M	1.69½ " "	Average	*a* 11½	12	M	1.51½ " "
July 1857	*a* 11½	4	M	1.25 " "	Jan. 1864	*a* 11½	3	M	1.25 " "
	a 11½	4	M	1.76 " "		*a* 11½	5	M	1.43 " "
	a 11½	5	M	2.17 " "		*a* 11½	5	M	1.78 " "
Average	*a* 11½	13	M	1.76 " "	Average	*a* 11½	13	M	1.52½ " "
Jan. 1858	*a* 11½	4	M	1.21 " "	July 1864	*a* 11½	3	M	1.40 " "
	a 11½	4	M	1.52 " "		*a* 11½	5	M	1.45 " "
	a 11½	5	M	1.87 " "		*a* 11½	5	M	1.79 " "
Average	*a* 11½	13	M	1.56 " "	Average	*a* 11½	13	M	1.57 " "
July 1858	*a* 11½	4	M	1.24 " "	Jan. 1865	*a* 11½	4	M	1.66½ " "
	a 11½	4	M	1.51 " "		*a* 11½	5	M	2.00 " "
	a 11½	5	M	1.86 " "		*a* 11½	5	M	2.33 " "
Average	*a* 11½	13	M	1.56 " "	Average	*a* 11½	14	M	2.02 " "
Jan. 1859	*a* 11½	4	M	1.22 " "	July 1865	*a* 11½	5	M	1.80 " "
	a 11½	4	M	1.54 " "		*a* 11½	6	M	2.12½ " "
	a 11½	5	M	1.97 " "		*a* 11½	6	M	2.45 " "
Average	*a* 11½	13	M	1.60½ " "	Average	*a* 11½	17	M	2.14½ " "
July 1859	*a* 11½	4	M	1.28 " "	Jan. 1866	*a* 11½	6	M	2.00 " "
	a 11½	4	M	1.51 " "		*a* 11½	6	M	2.30 " "
	a 11½	5	M	1.80 " "		*a* 11½	6	M	2.62½ " "
Average	*a* 11½	13	M	1.55 " "	Average	*a* 11½	18	M	2.31 " "
Jan. 1860	*a* 11½	4	M	1.23 " "	July 1866	*a* 11½	5	M	2.00 " "
	a 11½	4	M	1.52 " "		*a* 11½	6	M	2.30 " "
	a 11½	5	M	1.91 " "		*a* 11½	6	M	2.62½ " "
Average	*a* 11½	13	M	1.58 " "	Average	*a* 11½	17	M	2.32½ " "

a On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

LOOM FIXERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1867	*a* 11½	5	M	$2.00 per day.
	a 11½	6	M	2.30 " "
	a 11½	6	M	2.62½ " "
Average	*a* 11½	17	M	2.32½ " "
July 1867	*a* 11½	5	M	2.00 " "
	a 11½	6	M	2.30 " "
	a 11½	6	M	2.62½ " "
Average	*a* 11½	17	M	2.32½ " "
Jan. 1868	*a* 11½	6	M	2.00 " "
	a 11½	6	M	2.30 " "
	a 11½	6	M	2.62½ " "
Average	*a* 11½	18	M	2.31 " "
July 1868	*a* 11½	7	M	2.00 " "
	a 11½	6	M	2.30 " "
	a 11½	6	M	2.62½ " "
Average	*a* 11½	19	M	2.29 " "
Jan. 1869	*a* 11½	6	M	2.00 " "
	a 11½	6	M	2.30 " "
	a 11½	6	M	2.62½ " "
Average	*a* 11½	18	M	2.31 " "
July 1869	*a* 11½	5	M	2.00 " "
	a 11½	7	M	2.30 " "
	a 11½	6	M	2.62½ " "
Average	*a* 11½	18	M	2.32½ " "
Jan. 1870	*a* 11½	6	M	2.00 " "
	a 11½	7	M	2.30 " "
	a 11½	8	M	2.62½ " "
Average	*a* 11½	21	M	2.34 " "
July 1870	*a* 11½	6	M	2.00 " "
	a 11½	7	M	2.30 " "
	a 11½	8	M	2.62½ " "
Average	*a* 11½	21	M	2.34 " "
Jan. 1871	*a* 11½	6	M	2.00 " "
	a 11½	7	M	2.30 " "
	a 11½	8	M	2.62½ " "
Average	*a* 11½	21	M	2.34 " "
July 1871	*a* 11½	6	M	2.00 " "
	a 11½	7	M	2.30 " "
	a 11½	8	M	2.62½ " "
Average	*a* 11½	21	M	2.34 " "
Jan. 1872	*a* 11½	6	M	2.00 " "
	a 11½	8	M	2.30 " "
	a 11½	8	M	2.62½ " "
Average	*a* 11½	22	M	2.33½ " "
July 1872	*a* 11½	6	M	2.00 " "
	a 11½	8	M	2.30 " "
	a 11½	8	M	2.62½ " "
Average	*a* 11½	22	M	2.33½ " "
Jan. 1873	*a* 11½	10	M	2.00 " "
	a 11½	7	M	2.30 " "
	a 11½	8	M	2.62½ " "
Average	*a* 11½	25	M	2.28½ " "
July 1873	*a* 11½	10	M	$2.00 per day.
	a 11½	7	M	2.30 " "
	a 11½	8	M	2.62½ " "
Average	*a* 11½	25	M	2.28½ " "
Jan. 1874	*a* 11½	10	M	2.00 " "
	a 11½	7	M	2.30 " "
	a 11½	8	M	2.62½ " "
Average	*a* 11½	25	M	2.28½ " "
July 1874	*a* 11½	10	M	2.00 " "
	a 11½	7	M	2.30 " "
	a 11½	8	M	2.62½ " "
Average	*a* 11½	25	M	2.28½ " "
Jan. 1875	*b* 11	6	M	1.82 " "
	b 11	8	M	2.10 " "
	b 11	12	M	2.39 " "
Average	*b* 11	26	M	2.17 " "
July 1875	*b* 11	6	M	1.82 " "
	b 11	7	M	2.10 " "
	b 11	12	M	2.39 " "
Average	*b* 11	25	M	2.17 " "
Jan. 1876	*b* 11	12	M	1.82 " "
	b 11	16	M	2.10 " "
	b 11	12	M	2.39 " "
Average	*b* 11	40	M	2.10½ " "
July 1876	*b* 11	13	M	1.73 " "
	b 11	16	M	2.00 " "
	b 11	12	M	2.27 " "
Average	*b* 11	41	M	1.99½ " "
Jan. 1877	*b* 11	11	M	1.73 " "
	b 11	16	M	2.00 " "
	b 11	12	M	2.27 " "
Average	*b* 11	39	M	2.00½ " "
July 1877	*b* 11	10	M	1.73 " "
	b 11	16	M	2.00 " "
	b 11	12	M	2.27 " "
Average	*b* 11	38	M	2.01½ " "
Jan. 1878	*b* 11	12	M	1.73 " "
	b 11	14	M	2.00 " "
	b 11	12	M	2.27 " "
Average	*b* 11	38	M	2.00 " "
July 1878	*b* 11	12	M	1.73 " "
	b 11	15	M	2.00 " "
	b 11	12	M	2.27 " "
Average	*b* 11	39	M	2.00 " "
Jan. 1879	*b* 11	12	M	1.73 " "
	b 11	14	M	2.00 " "
	b 11	12	M	2.27 " "
Average	*b* 11	38	M	2.00 " "
July 1879	*b* 11	12	M	1.60 " "
	b 11	12	M	1.85 " "
	b 11	13	M	2.15 " "
Average	*b* 11	37	M	1.87½ " "

a On Saturday, 8½ hours only.

b On Saturday, 5 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

LOOM FIXERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1880	a 11	12	M	$1.60 per day.	Jan. 1886	a 11	14	M	$1.57 per day.
	a 11	13	M	1.85 " "		a 11	13	M	1.83 " "
	a 11	14	M	2.15 " "		a 11	13	M	2.09 " "
Average	a 11	39	M	1.88 " "	Average	a 11	40	M	1.82½ " "
July 1880	a 11	10	M	1.73 " "	July 1886	a 11	14	M	1.65 " "
	a 11	14	M	2.00 " "		a 11	13	M	1.92 " "
	a 11	14	M	2.27 " "		a 11	14	M	2.20 " "
Average	a 11	38	M	2.03 " "	Average	a 11	41	M	1.92½ " "
Jan. 1881	a 11	10	M	1.73 " "	Jan. 1887	a 11	14	M	1.65 " "
	a 11	14	M	2.00 " "		a 11	13	M	1.92 " "
	a 11	14	M	2.27 " "		a 11	15	M	2.20 " "
Average	a 11	38	M	2.03 " "	Average	a 11	42	M	1.93 " "
July 1881	a 11	11	M	1.75 " "	July 1887	a 11	14	M	1.65 " "
	a 11	14	M	2.00 " "		a 11	14	M	1.92 " "
	a 11	14	M	2.27 " "		a 11	17	M	2.20 " "
Average	a 11	39	M	2.02½ " "	Average	a 11	45	M	1.94 " "
Jan. 1882	a 11	12	M	1.73 " "	Jan. 1888	a 11	17	M	1.65 " "
	a 11	14	M	2.00 " "		a 11	16	M	1.92 " "
	a 11	14	M	2.27 " "		a 11	17	M	2.20 " "
Average	a 11	40	M	2.01½ " "	Average	a 11	50	M	1.92½ " "
July 1882	a 11	12	M	1.73 " "	July 1888	a 11	17	M	1.65 " "
	a 11	14	M	2.00 " "		a 11	17	M	1.92 " "
	a 11	14	M	2.27 " "		a 11	17	M	2.20 " "
Average	a 11	40	M	2.01½ " "	Average	a 11	51	M	1.92½ " "
Jan. 1883	a 11	13	M	1.73 " "	Jan. 1889	a 11	15	M	1.65 " "
	a 11	13	M	1.92 " "		a 11	18	M	1.92 " "
	a 11	13	M	2.20 " "		a 11	18	M	2.20 " "
Average	a 11	39	M	1.95 " "	Average	a 11	51	M	1.94 " "
July 1883	a 11	12	M	1.65 " "	July 1889	a 11	15	M	1.65 " "
	a 11	13	M	1.92 " "		a 11	18	M	1.92 " "
	a 11	12	M	2.20 " "		a 11	18	M	2.20 " "
Average	a 11	37	M	1.92½ " "	Average	a 11	51	M	1.94 " "
Jan. 1884	a 11	12	M	1.65 " "	Jan. 1890	a 11	16	M	1.65 " "
	a 11	12	M	1.92 " "		a 11	18	M	1.92 " "
	a 11	12	M	2.20 " "		a 11	18	M	2.20 " "
Average	a 11	36	M	1.92½ " "	Average	a 11	52	M	1.93½ " "
July 1884	a 11	12	M	1.57 " "	July 1890	a 11	16	M	1.65 " "
	a 11	12	M	1.83 " "		a 11	18	M	1.92 " "
	a 11	12	M	2.09 " "		a 11	18	M	2.20 " "
Average	a 11	36	M	1.83 " "	Average	a 11	52	M	1.93½ " "
Jan. 1885	a 11	13	M	1.57 " "	Jan. 1891	a 11	18	M	1.65 " "
	a 11	12	M	1.83 " "		a 11	18	M	1.92 " "
	a 11	12	M	2.09 " "		a 11	18	M	2.20 " "
Average	a 11	37	M	1.82½ " "	Average	a 11	54	M	1.92½ " "
July 1885	a 11	13	M	1.57 " "	July 1891	a 11	18	M	1.65 " "
	a 11	13	M	1.83 " "		a 11	18	M	1.92 " "
	a 11	13	M	2.09 " "		a 11	18	M	2.20 " "
Average	a 11	39	M	1.83 " "	Average	a 11	54	M	1.92½ " "

a On Saturday, 5 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

MACHINISTS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1848	*a* 11½	4	M	$1.50 per day.	July 1870	*b* 11½	25	M	$2.75 per day.
Jan. 1849	*a* 11½	4	M	1.50 " "	Jan. 1871	*b* 11½	24	M	2.75 " "
July 1849	*a* 11½	5	M	1.50 " "	July 1871	*b* 11½	25	M	2.75 " "
Jan. 1850	*a* 11½	6	M	1.50 " "	Jan. 1872	*b* 11½	26	M	2.75 " "
July 1850	*a* 11½	6	M	1.50 " "	July 1872	*b* 11½	19	M	2.75 " "
Jan. 1851	*a* 11½	6	M	1.50 " "	Jan. 1873	*b* 11½	23	M	2.75 " "
July 1851	*a* 11½	4	M	1.50 " "	July 1873	*b* 11½	19	M	2.75 " "
Jan. 1852	*a* 11½	4	M	1.50 " "	Jan. 1874	*b* 11½	12	M	2.75 " "
July 1852	*a* 11½	4	M	1.50 " "	July 1874	*c* 11	12	M	2.75 " "
Jan. 1853	*a* 11½	3	M	1.53 " "	Jan. 1875	*c* 11	8	M	2.50 " "
July 1853	*a* 11½	3	M	1.52 " "	July 1875	*c* 11	9	M	2.50 " "
Jan. 1854	*b* 11½	5	M	1.52 " "	Jan. 1876	*c* 11	14	M	2.50 " "
July 1854	*b* 11½	4	M	1.47½ " "	July 1876	*c* 11	14	M	2.50 " "
Jan. 1855	*b* 11½	4	M	1.47½ " "	Jan. 1877	*c* 11	12	M	2.50 " "
July 1855	*b* 11½	6	M	1.49 " "	July 1877	*c* 11	12	M	2.50 " "
Jan. 1856	*b* 11½	7	M	1.49 " "	Jan. 1878	*c* 11	12	M	2.50 " "
July 1856	*b* 11½	8	M	1.55 " "	July 1878	*c* 11	11	M	2.25 " "
Jan. 1857	*b* 11½	8	M	1.55 " "	Jan. 1879	*c* 11	15	M	2.25 " "
July 1857	*b* 11½	8	M	1.58 " "	July 1879	*c* 11	12	M	2.25 " "
Jan. 1858	*b* 11½	8	M	1.55 " "	Jan 1880	*c* 11	12	M	2.25 " "
July 1858	*b* 11½	5	M	1.50 " "	July 1880	*c* 11	13	M	2.40 " "
Jan. 1859	*b* 11½	5	M	1.50 " "	Jan. 1881	*c* 11	14	M	2.40 " "
July 1859	*b* 11½	5	M	1.57½ " "	July 1881	*c* 11	22	M	2.40 " "
Jan. 1860	*b* 11½	6	M	1.55 " "	Jan. 1882	*c* 11	22	M	2.40 " "
July 1860	*b* 11½	4	M	1.40 " "	July 1882	*c* 11	20	M	2.50 " "
Jan. 1861	*b* 11½	4	M	1.40 " "	Jan. 1883	*c* 11	18	M	2.45 " "
July 1861	*b* 11½	4	M	1.54 " "	July 1883	*c* 11	20	M	2.45 " "
Jan. 1862	*b* 11½	4	M	1.50 " "	Jan. 1884	*c* 11	14	M	2.45 " "
July 1862	*b* 11½	3	M	1.43 " "	July 1884	*c* 11	12	M	2.35 " "
Jan. 1863	*b* 11½	3	M	1.50 " "	Jan. 1885	*c* 11	10	M	2.25 " "
July 1863	*b* 11½	4	M	1.55 " "	July 1885	*c* 11	14	M	2.23 " "
Jan. 1864	*b* 11½	4	M	1.55 " "	Jan. 1886	*c* 11	12	M	2.23 " "
July 1864	*b* 11½	6	M	1.66 " "	July 1886	*c* 11	14	M	2.35 " "
Jan. 1865	*b* 11½	7	M	1.70 " "	Jan. 1887	*c* 11	14	M	2.35 " "
July 1865	*b* 11½	7	M	1.99 " "	July 1887	*c* 11	12	M	2.35 " "
Jan. 1866	*b* 11½	7	M	2.25 " "	Jan. 1888	*c* 11	13	M	2.35 " "
July 1866	*b* 11½	7	M	2.35 " "	July 1888	*c* 11	14	M	2.35 " "
Jan. 1867	*b* 11½	8	M	2.35 " "	Jan. 1889	*c* 11	12	M	2.35 " "
July 1867	*b* 11½	8	M	2.36 " "	July 1889	*c* 11	12	M	2.35 " "
Jan. 1868	*b* 11½	10	M	2.30 " "	Jan. 1890	*c* 11	13	M	2.35 " "
July 1868	*b* 11½	11	M	2.28 " "	July 1890	*c* 11	12	M	2.35 " "
Jan. 1869	*b* 11½	9	M	2.30 " "	Jan. 1891	*c* 11	12	M	2.35 " "
July 1869	*b* 11½	17	M	2.26 " "	July 1891	*c* 11	12	M	2.35 " "
Jan. 1870	*b* 11½	36	M	2.75 " "					

OVERSEERS, CARDING DEPARTMENT.

Jan. 1849	*a* 11½	1	M	2.50 per day.	Jan. 1862	*b* 11½	1	M	3.00 per day.
July 1849	*a* 11½	1	M	2.50 " "	July 1862	*b* 11½	1	M	3.00 " "
Jan. 1850	*a* 11½	1	M	2.50 " "	Jan. 1863	*b* 11½	1	M	3.00 " "
July 1850	*a* 11½	1	M	2.50 " "	July 1863	*b* 11½	1	M	3.00 " "
Jan. 1851	*a* 11½	1	M	2.50 " "	Jan. 1864	*b* 11½	1	M	3.00 " "
July 1851	*a* 11½	1	M	2.50 " "	July 1864	*b* 11½	1	M	3.00 " "
Jan. 1852	*a* 11½	1	M	2.50 " "	Jan. 1865	*b* 11½	1	M	3.00 " "
July 1852	*a* 11½	1	M	2.50 " "	July 1865	*b* 11½	1	M	3.25 " "
Jan. 1853	*a* 11½	1	M	2.75 " "	Jan. 1866	*b* 11½	1	M	3.25 " "
July 1853	*a* 11½	1	M	2.75 " "	July 1866	*b* 11½	1	M	3.25 " "
Jan. 1854	*b* 11½	1	M	2.75 " "	Jan. 1867	*b* 11½	1	M	3.25 " "
July 1854	*b* 11½	1	M	3.00 " "	July 1867	*b* 11½	1	M	3.50 " "
Jan. 1855	*b* 11½	1	M	3.00 " "	Jan. 1868	*b* 11½	1	M	3.50 " "
July 1855	*b* 11½	1	M	3.00 " "	July 1868	*b* 11½	1	M	3.50 " "
Jan. 1856	*b* 11½	1	M	3.00 " "	Jan. 1869	*b* 11½	1	M	3.50 " "
July 1856	*b* 11½	1	M	3.00 " "	July 1869	*b* 11½	1	M	3.50 " "
Jan. 1857	*b* 11½	1	M	3.00 " "	Jan. 1870	*b* 11½	1	M	3.50 " "
July 1857	*b* 11½	1	M	3.00 " "	July 1870	*b* 11½	1	M	3.50 " "
Jan. 1858	*b* 11½	1	M	3.00 " "	Jan. 1871	*b* 11½	1	M	3.50 " "
July 1858	*b* 11½	1	M	3.00 " "	July 1871	*b* 11½	1	M	3.50 " "
Jan. 1859	*b* 11½	1	M	3.00 " "	Jan. 1872	*b* 11½	1	M	3.50 " "
July 1859	*b* 11½	1	M	3.00 " "	July 1872	*b* 11½	1	M	3.50 " "
Jan. 1860	*b* 11½	1	M	3.00 " "	Jan. 1873	*b* 11½	1	M	3.50 " "
July 1860	*b* 11½	1	M	3.00 " "	July 1873	*b* 11½	1	M	3.50 " "
Jan. 1861	*b* 11½	1	M	3.00 " "	Jan. 1874	*b* 11½	1	M	3.50 " "
July 1861	*b* 11½	1	M	3.00 " "	July 1874	*b* 11½	1	M	4.00 " "

a On Saturday, 9 hours only. *b* On Saturday, 8½ hours only. *c* On Saturday, 5 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

OVERSEERS, CARDING DEPARTMENT—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1875	*a* 11	1	M	$4.00 per day.	July 1883	*a* 11	1	M	$4.00 per day.
July 1875	*a* 11	1	M	4.00 " "	Jan. 1884	*a* 11	1	M	4.00 " "
Jan. 1876	*a* 11	1	M	4.00 " "	July 1884	*a* 11	1	M	4.00 " "
July 1876	*a* 11	1	M	4.00 " "	Jan. 1885	*a* 11	1	M	4.00 " "
Jan. 1877	*a* 11	1	M	4.00 " "	July 1885	*a* 11	1	M	4.00 " "
July 1877	*a* 11	1	M	4.00 " "	Jan. 1886	*a* 11	1	M	4.00 " "
Jan. 1878	*a* 11	1	M	4.00 " "	July 1886	*a* 11	1	M	4.00 " "
July 1878	*a* 11	1	M	4.00 " "	Jan. 1887	*a* 11	1	M	4.00 " "
Jan. 1879	*a* 11	1	M	4.00 " "	July 1887	*a* 11	1	M	4.00 " "
July 1879	*a* 11	1	M	4.00 " "	Jan. 1888	*a* 11	1	M	4.00 " "
Jan. 1880	*a* 11	1	M	4.00 " "	July 1888	*a* 11	1	M	4.00 " "
July 1880	*a* 11	1	M	4.00 " "	Jan. 1889	*a* 11	1	M	4.00 " "
Jan. 1881	*a* 11	1	M	4.00 " "	July 1889	*a* 11	1	M	4.00 " "
July 1881	*a* 11	1	M	4.00 " "	Jan. 1890	*a* 11	1	M	4.00 " "
Jan. 1882	*a* 11	1	M	4.00 " "	July 1890	*a* 11	1	M	4.00 " "
July 1882	*a* 11	1	M	4.00 " "	Jan. 1891	*a* 11	1	M	4.00 " "
Jan. 1883	*a* 11	1	M	4.00 " "	July 1891	*a* 11	1	M	4.00 " "

OVERSEERS, DRESSING DEPARTMENT.

July 1848	*b* 11½	1	M	2.50 per day.	July 1870	*c* 11½	1	M	3.50 per day.
Jan. 1849	*b* 11½	1	M	2.50 " "	Jan. 1871	*c* 11½	1	M	3.50 " "
July 1849	*b* 11½	1	M	2.50 " "	July 1871	*c* 11½	1	M	3.50 " "
Jan. 1850	*b* 11½	1	M	3.00 " "	Jan. 1872	*c* 11½	1	M	3.50 " "
July 1850	*b* 11½	1	M	3.00 " "	July 1872	*c* 11½	1	M	3.50 " "
Jan. 1851	*b* 11½	1	M	3.00 " "	Jan. 1873	*c* 11½	1	M	3.50 " "
July 1851	*b* 11½	1	M	3.00 " "	July 1873	*c* 11½	1	M	3.50 " "
Jan. 1852	*b* 11½	1	M	3.00 " "	Jan. 1874	*c* 11½	1	M	3.50 " "
July 1852	*b* 11½	1	M	3.00 " "	July 1874	*c* 11½	1	M	4.00 " "
Jan. 1853	*b* 11½	1	M	3.00 " "	Jan. 1875	*a* 11	1	M	4.00 " "
July 1853	*b* 11½	1	M	3.00 " "	July 1875	*a* 11	1	M	4.00 " "
Jan. 1854	*c* 11½	1	M	3.00 " "	Jan. 1876	*a* 11	1	M	4.00 " "
July 1854	*c* 11½	1	M	3.00 " "	July 1876	*a* 11	1	M	4.00 " "
Jan. 1855	*c* 11½	1	M	3.00 " "	Jan. 1877	*a* 11	1	M	4.00 " "
July 1855	*c* 11½	1	M	3.00 " "	July 1877	*a* 11	1	M	4.00 " "
Jan. 1856	*c* 11½	1	M	3.00 " "	Jan. 1878	*a* 11	1	M	4.00 " "
July 1856	*c* 11½	1	M	3.00 " "	July 1878	*a* 11	1	M	4.00 " "
Jan. 1857	*c* 11½	1	M	3.00 " "	Jan. 1879	*a* 11	1	M	4.00 " "
July 1857	*c* 11½	1	M	3.00 " "	July 1879	*a* 11	1	M	4.00 " "
Jan. 1858	*c* 11½	1	M	3.00 " "	Jan. 1880	*a* 11	1	M	4.00 " "
July 1858	*c* 11½	1	M	3.00 " "	July 1880	*a* 11	1	M	4.00 " "
Jan. 1859	*c* 11½	1	M	3.00 " "	Jan. 1881	*a* 11	1	M	4.00 " "
July 1859	*c* 11½	1	M	3.00 " "	July 1881	*a* 11	1	M	4.00 " "
Jan. 1860	*c* 11½	1	M	3.00 " "	Jan. 1882	*a* 11	1	M	4.00 " "
July 1860	*c* 11½	1	M	3.00 " "	July 1882	*a* 11	1	M	4.00 " "
Jan. 1861	*c* 11½	1	M	3.00 " "	Jan. 1883	*a* 11	1	M	4.00 " "
July 1861	*c* 11½	1	M	3.00 " "	July 1883	*a* 11	1	M	4.00 " "
Jan. 1862	*c* 11½	1	M	3.00 " "	Jan. 1884	*a* 11	1	M	4.00 " "
July 1862	*c* 11½	1	M	3.00 " "	July 1884	*a* 11	1	M	4.00 " "
Jan. 1863	*c* 11½	1	M	3.00 " "	Jan. 1885	*a* 11	1	M	4.00 " "
July 1863	*c* 11½	1	M	3.00 " "	July 1885	*a* 11	1	M	4.00 " "
Jan. 1864	*c* 11½	1	M	3.00 " "	Jan. 1886	*a* 11	1	M	4.00 " "
July 1864	*c* 11½	1	M	3.00 " "	July 1886	*a* 11	1	M	4.00 " "
Jan. 1865	*c* 11½	1	M	3.00 " "	Jan. 1887	*a* 11	1	M	4.00 " "
July 1865	*c* 11½	1	M	3.25 " "	July 1887	*a* 11	1	M	4.00 " "
Jan. 1866	*c* 11½	1	M	3.50 " "	Jan. 1888	*a* 11	1	M	4.00 " "
July 1866	*c* 11½	1	M	3.50 " "	July 1888	*a* 11	1	M	4.00 " "
Jan. 1867	*c* 11½	1	M	3.50 " "	Jan. 1889	*a* 11	1	M	4.00 " "
July 1867	*c* 11½	1	M	3.50 " "	July 1889	*a* 11	1	M	4.00 " "
Jan. 1868	*c* 11½	1	M	3.50 " "	Jan. 1890	*a* 11	1	M	4.00 " "
July 1868	*c* 11½	1	M	3.50 " "	July 1890	*a* 11	1	M	4.00 " "
Jan. 1869	*c* 11½	1	M	3.50 " "	Jan. 1891	*a* 11	1	M	4.00 " "
July 1869	*c* 11½	1	M	3.50 " "	July 1891	*a* 11	1	M	4.00 " "
Jan. 1870	*c* 11½	1	M	3.50 " "					

a On Saturday, 5 hours only. *b* On Saturday, 9 hours only. *c* On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

OVERSEERS, SPINNING DEPARTMENT.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1848	*a* 11½	1	M	$1.75 per day.
Jan. 1849	*a* 11½	1	M	2.00 " "
	a 11½	1	M	2.50 " "
Average	*a* 11½	2	M	2.25 " "
July 1849	*a* 11½	1	M	2.00 " "
	a 11½	1	M	2.50 " "
Average	*a* 11½	2	M	2.25 " "
Jan. 1850	*a* 11½	1	M	2.00 " "
	a 11½	1	M	2.50 " "
Average	*a* 11½	2	M	2.25 " "
July 1850	*a* 11½	1	M	2.00 " "
	a 11½	1	M	2.50 " "
Average	*a* 11½	2	M	2.25 " "
Jan. 1851	*a* 11½	1	M	2.00 " "
	a 11½	1	M	2.50 " "
Average	*a* 11½	2	M	2.25 " "
July 1851	*a* 11½	1	M	2.00 " "
	a 11½	1	M	2.50 " "
Average	*a* 11½	2	M	2.25 " "
Jan. 1852	*a* 11½	1	M	2.00 " "
	a 11½	1	M	2.50 " "
Average	*a* 11½	2	M	2.25 " "
July 1852	*a* 11½	1	M	2.00 " "
	a 11½	1	M	2.50 " "
Average	*a* 11½	2	M	2.25 " "
Jan. 1853	*a* 11½	1	M	2.00 " "
	a 11½	1	M	2.50 " "
Average	*a* 11½	2	M	2.25 " "
July 1853	*a* 11½	1	M	2.00 " "
	a 11½	1	M	2.75 " "
Average	*a* 11½	2	M	2.37½ " "
Jan. 1854	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
July 1854	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
Jan. 1855	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
July 1855	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
Jan. 1856	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
July 1856	*b* 11½	1	M	$2.00 per day.
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
Jan. 1857	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
July 1857	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
Jan. 1858	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
July 1858	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
Jan. 1859	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
July 1859	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
Jan. 1860	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
July 1860	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
Jan. 1861	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
July 1861	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
Jan. 1862	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
July 1862	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
Jan. 1863	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "
July 1863	*b* 11½	1	M	2.00 " "
	b 11½	1	M	3.00 " "
Average	*b* 11½	2	M	2.50 " "

a On Saturday, 9 hours only.

b On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

OVERSEERS, SPINNING DEPARTMENT—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1864	*a* 11½	1	M	$2.00 per day.	July 1871	*a* 11½	1	M	$2.50 per day.
	a 11½	1	M	3.00 " "		*a* 11½	1	M	3.50 " "
Average	*a* 11½	2	M	2.50 " "	Average	*a* 11½	2	M	3.00 " "
July 1864	*a* 11½	1	M	2.00 " "	Jan. 1872	*a* 11½	1	M	2.00 " "
	a 11½	1	M	3.00 " "		*a* 11½	1	M	3.50 " "
Average	*a* 11½	2	M	2.50 " "	Average	*a* 11½	2	M	3.00 " "
Jan. 1865	*a* 11½	1	M	2.00 " "	July 1872	*a* 11½	1	M	2.50 " "
	a 11½	1	M	3.00 " "		*a* 11½	1	M	3.50 " "
Average	*a* 11½	2	M	2.50 " "	Average	*a* 11½	2	M	3.00 " "
July 1865	*a* 11½	1	M	2.25 " "	Jan. 1873	*a* 11½	1	M	2.50 " "
	a 11½	1	M	3.25 " "		*a* 11½	1	M	3.50 " "
Average	*a* 11½	2	M	2.75 " "	Average	*a* 11½	2	M	3.00 " "
Jan. 1866	*a* 11½	1	M	2.50 " "	July 1873	*a* 11½	1	M	2.50 " "
	a 11½	1	M	3.00 " "		*a* 11½	1	M	3.50 " "
Average	*a* 11½	2	M	2.75 " "	Average	*a* 11½	2	M	3.00 " "
July 1866	*a* 11½	1	M	2.50 " "	Jan. 1874	*a* 11½	1	M	2.50 " "
	a 11½	1	M	3.50 " "		*a* 11½	1	M	3.50 " "
Average	*a* 11½	2	M	3.00 " "	Average	*a* 11½	2	M	3.00 " "
Jan. 1867	*a* 11½	1	M	2.50 " "	July 1874	*a* 11½	1	M	2.50 " "
	a 11½	1	M	3.50 " "		*a* 11½	1	M	4.00 " "
Average	*a* 11½	2	M	3.00 " "	Average	*a* 11½	2	M	3.25 " "
July 1867	*a* 11½	1	M	2.50 " "	Jan. 1875	*b* 11	1	M	2.27 " "
	a 11½	1	M	3.50 " "		*b* 11	1	M	4.00 " "
Average	*a* 11½	2	M	3.00 " "	Average	*b* 11	2	M	3.13½ " "
Jan. 1868	*a* 11½	1	M	2.50 " "	July 1875	*b* 11	1	M	2.27 " "
	a 11½	1	M	3.50 " "		*b* 11	1	M	4.00 " "
Average	*a* 11½	2	M	3.00 " "	Average	*b* 11	2	M	3.13½ " "
July 1868	*a* 11½	1	M	2.50 " "	Jan. 1876	*b* 11	1	M	2.27 " "
	a 11½	1	M	3.50 " "		*b* 11	1	M	4.00 " "
Average	*a* 11½	2	M	3.00 " "	Average	*b* 11	2	M	3.13½ " "
Jan. 1869	*a* 11½	1	M	2.50 " "	July 1876	*b* 11	1	M	2.39 " "
	a 11½	1	M	3.50 " "		*b* 11	1	M	4.00 " "
Average	*a* 11½	2	M	3.00 " "	Average	*b* 11	2	M	3.19½ " "
July 1869	*a* 11½	1	M	2.50 " "	Jan. 1877	*b* 11	1	M	2.39 " "
	a 11½	1	M	3.50 " "		*b* 11	1	M	4.00 " "
Average	*a* 11½	2	M	3.00 " "	Average	*b* 11	2	M	3.19½ " "
Jan. 1870	*a* 11½	1	M	2.50 " "	July 1877	*b* 11	1	M	2.39 " "
	a 11½	1	M	3.50 " "		*b* 11	1	M	4.00 " "
Average	*a* 11½	2	M	3.00 " "	Average	*b* 11	2	M	3.19½ " "
July 1870	*a* 11½	1	M	2.50 " "	Jan. 1878	*b* 11	1	M	2.39 " "
	a 11½	1	M	3.50 " "		*b* 11	1	M	4.00 " "
Average	*a* 11½	2	M	3.00 " "	Average	*b* 11	2	M	3.19½ " "
Jan. 1871	*a* 11½	1	M	2.50 " "	Jan. 1878	*b* 11	1	M	2.39 " "
	a 11½	1	M	3.50 " "		*b* 11	1	M	4.00 " "
Average	*a* 11½	2	M	3.00 " "	Average	*b* 11	2	M	3.19½ " "

a On Saturday, 8½ hours only.

b On Saturday, 5 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

OVERSEERS, SPINNING DEPARTMENT—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1879	*a* 11	1	M	$2.39 per day.	July 1881	*a* 11	1	M	$2.50 per day.
	a 11	1	M	4.00 " "		*a* 11	1	M	4.00 " "
Average	*a* 11	2	M	3.19½ " "	Average	*a* 11	2	M	3.25 " "
July 1879	*a* 11	1	M	2.39 " "	Jan. 1882	*a* 11	2	M	4.00 " "
	a 11	1	M	4.00 " "	July 1882	*a* 11	2	M	4.00 " "
					Jan. 1883	*a* 11	2	M	4.00 " "
Average	*a* 11	2	M	3.19½ " "	July 1883	*a* 11	2	M	4.00 " "
					Jan. 1884	*a* 11	2	M	4.00 " "
Jan. 1880	*a* 11	1	M	2.39 " "	July 1884	*a* 11	2	M	4.00 " "
	a 11	1	M	4.00 " "	Jan. 1885	*a* 11	2	M	4.00 " "
					July 1885	*a* 11	2	M	4.00 " "
Average	*a* 11	2	M	3.19½ " "	Jan. 1886	*a* 11	2	M	4.00 " "
					July 1886	*a* 11	2	M	4.00 " "
July 1880	*a* 11	1	M	2.39 " "	Jan. 1887	*a* 11	2	M	4.00 " "
	a 11	1	M	4.00 " "	July 1887	*a* 11	2	M	4.00 " "
					Jan. 1888	*a* 11	2	M	4.00 " "
Average	*a* 11	2	M	3.19½ " "	July 1888	*a* 11	2	M	4.00 " "
					Jan. 1889	*a* 11	2	M	4.00 " "
					July 1889	*a* 11	2	M	4.00 " "
Jan. 1881	*a* 11	1	M	2.39 " "	Jan. 1890	*a* 11	2	M	4.00 " "
	a 11	1	M	4.00 " "	July 1890	*a* 11	2	M	4.00 " "
					Jan. 1891	*a* 11	2	M	4.00 " "
Average	*a* 11	2	M	3.19½ " "	July 1891	*a* 11	2	M	4.00 " "

OVERSEERS, WEAVING DEPARTMENT.

July 1848	*b* 11½	1	M	2.50 per day.	July 1870	*c* 11½	1	M	4.00 per day.
Jan. 1849	*b* 11½	1	M	2.50 " "	Jan. 1871	*c* 11½	1	M	4.00 " "
July 1849	*b* 11½	1	M	3.00 " "	July 1871	*c* 11½	1	M	4.00 " "
Jan. 1850	*b* 11½	1	M	3.00 " "	Jan. 1872	*c* 11½	1	M	4.00 " "
July 1850	*b* 11½	1	M	3.00 " "	July 1872	*c* 11½	1	M	4.00 " "
Jan. 1851	*b* 11½	1	M	3.00 " "	Jan. 1873	*c* 11½	1	M	4.00 " "
July 1851	*b* 11½	1	M	3.00 " "	July 1873	*c* 11½	1	M	4.00 " "
Jan. 1852	*b* 11½	1	M	3.00 " "	Jan. 1874	*c* 11½	1	M	4.00 " "
July 1852	*b* 11½	1	M	3.00 " "	July 1874	*c* 11½	1	M	4.00 " "
Jan. 1853	*b* 11½	1	M	3.00 " "	Jan. 1875	*a* 11	1	M	4.00 " "
July 1853	*b* 11½	1	M	3.00 " "	July 1875	*a* 11	1	M	4.00 " "
Jan. 1854	*b* 11½	1	M	3.00 " "	Jan. 1876	*a* 11	1	M	4.00 " "
July 1854	*c* 11½	1	M	3.00 " "	July 1876	*a* 11	1	M	4.00 " "
Jan. 1855	*c* 11½	1	M	3.00 " "	Jan. 1877	*a* 11	1	M	4.00 " "
July 1855	*c* 11½	1	M	3.00 " "	July 1877	*a* 11	1	M	4.00 " "
Jan. 1856	*c* 11½	1	M	3.00 " "	Jan. 1878	*a* 11	1	M	4.00 " "
July 1856	*c* 11½	1	M	3.00 " "	July 1878	*a* 11	1	M	4.00 " "
Jan. 1857	*c* 11½	1	M	3.00 " "	Jan. 1879	*a* 11	1	M	4.00 " "
July 1857	*c* 11½	1	M	3.00 " "	July 1879	*a* 11	1	M	4.00 " "
Jan. 1858	*c* 11½	1	M	3.00 " "	Jan. 1880	*a* 11	1	M	4.00 " "
July 1858	*c* 11½	1	M	3.00 " "	July 1880	*a* 11	1	M	4.00 " "
Jan. 1859	*c* 11½	1	M	3.00 " "	Jan. 1881	*a* 11	1	M	4.00 " "
July 1859	*c* 11½	1	M	3.00 " "	July 1881	*a* 11	1	M	4.00 " "
Jan. 1860	*c* 11½	1	M	3.00 " "	Jan. 1882	*a* 11	1	M	4.00 " "
July 1860	*c* 11½	1	M	3.00 " "	July 1882	*a* 11	1	M	4.00 " "
Jan. 1861	*c* 11½	1	M	3.00 " "	Jan. 1883	*a* 11	1	M	4.00 " "
July 1861	*c* 11½	1	M	3.00 " "	July 1883	*a* 11	1	M	4.00 " "
Jan. 1862	*c* 11½	1	M	3.00 " "	Jan. 1884	*a* 11	1	M	4.00 " "
July 1862	*c* 11½	1	M	3.00 " "	July 1884	*a* 11	1	M	4.00 " "
Jan. 1863	*c* 11½	1	M	3.00 " "	Jan. 1885	*a* 11	1	M	4.00 " "
July 1863	*c* 11½	1	M	3.00 " "	July 1885	*a* 11	1	M	4.00 " "
Jan. 1864	*c* 11½	1	M	3.00 " "	Jan. 1886	*a* 11	1	M	4.00 " "
July 1864	*c* 11½	1	M	3.00 " "	July 1886	*a* 11	1	M	4.00 " "
Jan. 1865	*c* 11½	1	M	3.00 " "	Jan. 1887	*a* 11	1	M	4.00 " "
July 1865	*c* 11½	1	M	3.25 " "	July 1887	*a* 11	1	M	4.00 " "
Jan. 1866	*c* 11½	1	M	4.00 " "	Jan. 1888	*a* 11	1	M	4.00 " "
July 1866	*c* 11½	1	M	4.00 " "	July 1888	*a* 11	1	M	4.00 " "
Jan. 1867	*c* 11½	1	M	4.00 " "	Jan. 1889	*a* 11	1	M	4.00 " "
July 1867	*c* 11½	1	M	4.00 " "	July 1889	*a* 11	1	M	4.00 " "
Jan. 1868	*c* 11½	1	M	4.00 " "	Jan. 1890	*a* 11	1	M	4.00 " "
July 1868	*c* 11½	1	M	4.00 " "	July 1890	*a* 11	1	M	4.00 " "
Jan. 1869	*c* 11½	1	M	4.00 " "	Jan. 1891	*a* 11	1	M	4.00 " "
July 1869	*c* 11½	1	M	4.00 " "	July 1891	*a* 11	1	M	4.00 " "
Jan. 1870	*c* 11½	1	M	4.00 " "					

a On Saturday, 5 hours only. *b* On Saturday, 9 hours only. *c* On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

PAINTERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1848	*a* 11½	2	M	$1.50 per day.	July 1870	*b* 11½	2	M	$2.50 per day.
Jan. 1849	*a* 11½	2	M	1.50 " "	Jan. 1871	*b* 11½	1	M	2.50 " "
July 1849	*a* 11½	2	M	1.50 " "	July 1871	*b* 11½	2	M	2.50 " "
Jan. 1850	*a* 11½	2	M	1.50 " "	Jan. 1872	*b* 11½	2	M	2.50 " "
July 1850	*a* 11½	2	M	1.50 " "	July 1872	*b* 11½	2	M	2.50 " "
Jan. 1851	*a* 11½	2	M	1.50 " "	Jan. 1873	*b* 11½	2	M	2.50 " "
July 1851	*a* 11½	2	M	1.50 " "	July 1873	*b* 11½	2	M	2.50 " "
Jan. 1852	*a* 11½	2	M	1.50 " "	Jan. 1874	*b* 11½	2	M	2.50 " "
July 1852	*a* 11½	2	M	1.50 " "	July 1874	*b* 11½	2	M	2.75 " "
Jan. 1853	*a* 11½	2	M	1.50 " "	Jan. 1875	*c* 11	2	M	2.75 " "
July 1853	*a* 11½	2	M	1.75 " "	July 1875	*c* 11	3	M	2.50 " "
Jan. 1854	*a* 11½	2	M	1.75 " "	Jan. 1876	*c* 11	4	M	2.00 " "
July 1854	*b* 11½	3	M	1.75 " "	July 1876	*c* 11	3	M	2.00 " "
Jan. 1855	*b* 11½	4	M	1.75 " "	Jan. 1877	*c* 11	2	M	2.50 " "
July 1855	*b* 11½	2	M	1.75 " "	July 1877	*c* 11	2	M	2.50 " "
Jan. 1856	*b* 11½	2	M	1.75 " "	Jan. 1878	*c* 11	2	M	2.50 " "
July 1856	*b* 11½	2	M	1.75 " "	July 1878	*c* 11	3	M	2.50 " "
Jan. 1857	*b* 11½	2	M	1.75 " "	Jan. 1879	*c* 11	2	M	2.50 " "
July 1857	*b* 11½	2	M	1.75 " "	July 1879	*c* 11	3	M	2.50 " "
Jan. 1858	*b* 11½	2	M	1.75 " "	Jan. 1880	*c* 11	4	M	2.50 " "
July 1858	*b* 11½	2	M	1.75 " "	July 1880	*c* 11	6	M	2.25 " "
Jan. 1859	*b* 11½	2	M	1.75 " "	Jan. 1881	*c* 11	5	M	2.25 " "
July 1859	*b* 11½	3	M	1.75 " "	July 1881	*c* 11	5	M	2.25 " "
Jan. 1860	*b* 11½	3	M	1.75 " "	Jan. 1882	*c* 11	5	M	2.25 " "
July 1860	*b* 11½	2	M	1.75 " "	July 1882	*c* 11	6	M	2.00 " "
Jan. 1861	*b* 11½	2	M	1.75 " "	Jan. 1883	*c* 11	5	M	2.00 " "
July 1861	*b* 11½	2	M	1.75 " "	July 1883	*c* 11	4	M	2.00 " "
Jan. 1862	*b* 11½	2	M	1.75 " "	Jan. 1884	*c* 11	4	M	2.00 " "
July 1862	*b* 11½	2	M	1.75 " "	July 1884	*c* 11	4	M	2.00 " "
Jan. 1863	*b* 11½	2	M	1.75 " "	Jan. 1885	*c* 11	3	M	2.00 " "
July 1863	*b* 11½	2	M	1.75 " "	July 1885	*c* 11	5	M	1.80 " "
Jan. 1864	*b* 11½	2	M	1.75 " "	Jan. 1886	*c* 11	5	M	1.80 " "
July 1864	*b* 11½	2	M	1.80 " "	July 1886	*c* 11	3	M	2.00 " "
Jan. 1865	*b* 11½	2	M	1.80 " "	Jan. 1887	*c* 11	4	M	2.00 " "
July 1865	*b* 11½	2	M	2.00 " "	July 1887	*c* 11	3	M	2.25 " "
Jan. 1866	*b* 11½	2	M	2.10 " "	Jan. 1888	*c* 11	4	M	2.25 " "
July 1866	*b* 11½	2	M	2.10 " "	July 1888	*c* 11	4	M	2.50 " "
Jan. 1867	*b* 11½	3	M	2.10 " "	Jan. 1889	*c* 11	4	M	2.50 " "
July 1867	*b* 11½	5	M	2.50 " "	July 1889	*c* 11	4	M	2.50 " "
Jan. 1868	*b* 11½	2	M	2.50 " "	Jan. 1890	*c* 11	2	M	2.50 " "
July 1868	*b* 11½	2	M	2.50 " "	July 1890	*c* 11	3	M	2.50 " "
Jan. 1869	*b* 11½	2	M	2.50 " "	Jan. 1891	*c* 11	3	M	2.50 " "
July 1869	*b* 11½	2	M	2.50 " "	July 1891	*c* 11	3	M	2.50 " "
Jan. 1870	*b* 11½	4	M	2.50 " "					

PICKERS.

Jan. 1849	*a* 11½	1	M	1.00 per day.	Jan. 1862	*b* 11½	3	M	1.00 per day.
July 1849	*a* 11½	2	M	1.17 " "	July 1862	*b* 11½	3	M	1.00 " "
Jan. 1850	*a* 11½	2	M	1.17 " "	Jan. 1863	*b* 11½	3	M	1.00 " "
July 1850	*a* 11½	2	M	1.17 " "	July 1863	*b* 11½	3	M	1.12 " "
Jan. 1851	*a* 11½	2	M	1.17 " "	Jan. 1864	*b* 11½	4	M	1.12 " "
July 1851	*a* 11½	2	M	1.17 " "	July 1864	*b* 11½	4	M	1.25 " "
Jan. 1852	*a* 11½	2	M	1.17 " "	Jan. 1865	*b* 11½	4	M	1.25 " "
July 1852	*a* 11½	2	M	1.25 " "	July 1865	*b* 11½	5	M	1.50 " "
Jan. 1853	*a* 11½	2	M	1.25 " "	Jan. 1866	*b* 11½	4	M	1.65 " "
July 1853	*a* 11½	2	M	1.25 " "	July 1866	*b* 11½	4	M	1.65 " "
Jan. 1854	*b* 11½	2	M	1.25 " "	Jan. 1867	*b* 11½	4	M	1.65 " "
July 1854	*b* 11½	2	M	1.25 " "	July 1867	*b* 11½	4	M	1.65 " "
Jan. 1855	*b* 11½	2	M	1.25 " "	Jan. 1868	*b* 11½	4	M	1.57 " "
July 1855	*b* 11½	2	M	1.25 " "	July 1868	*b* 11½	4	M	1.57 " "
Jan. 1856	*b* 11½	2	M	1.25 " "	Jan. 1869	*b* 11½	3	M	1.57 " "
July 1856	*b* 11½	2	M	1.25 " "	July 1869	*b* 11½	4	M	1.57 " "
Jan. 1857	*b* 11½	3	M	1.25 " "	Jan. 1870	*b* 11½	7	M	1.57 " "
July 1857	*b* 11½	3	M	1.25 " "	July 1870	*b* 11½	7	M	1.57 " "
Jan. 1858	*b* 11½	3	M	1.17 " "	Jan. 1871	*b* 11½	7	M	1.57 " "
July 1858	*b* 11½	3	M	1.17 " "	July 1871	*b* 11½	4	M	1.57 " "
Jan. 1859	*b* 11½	3	M	1.17 " "	Jan. 1872	*b* 11½	5	M	1.57 " "
July 1859	*b* 11½	3	M	1.00 " "	July 1872	*b* 11½	7	M	1.57 " "
Jan. 1860	*b* 11½	3	M	1.00 " "	Jan. 1873	*b* 11½	8	M	1.50 " "
July 1860	*b* 11½	3	M	1.00 " "	July 1873	*b* 11½	8	M	1.50 " "
Jan. 1861	*b* 11½	3	M	1.00 " "	Jan. 1874	*b* 11½	8	M	1.50 " "
July 1861	*b* 11½	3	M	1.00 " "	July 1874	*b* 11½	8	M	1.50 " "

a On Saturday, 9 hours only. *b* On Saturday, 8½ hours only. *c* On Saturday, 5 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

PICKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1875	*a* 11	8	M	$1.36 per day.	July 1883	*a* 11	6	M	$1.25 per day.
July 1875	*a* 11	8	M	1.36 " "	Jan. 1884	*a* 11	5	M	1.25 " "
Jan. 1876	*a* 11	8	M	1.36 " "	July 1884	*a* 11	6	M	1.25 " "
July 1876	*a* 11	7	M	1.32 " "	Jan. 1885	*a* 11	6	M	1.20 " "
Jan. 1877	*a* 11	6	M	1.40 " "	July 1885	*a* 11	6	M	1.20 " "
July 1877	*a* 11	5	M	1.40 " "	Jan. 1886	*a* 11	5	M	1.20 " "
Jan. 1878	*a* 11	7	M	1.40 " "	July 1886	*a* 11	5	M	1.25 " "
July 1878	*a* 11	5	M	1.40 " "	Jan. 1887	*a* 11	7	M	1.25 " "
Jan. 1879	*a* 11	6	M	1.30 " "	July 1887	*a* 11	7	M	1.25 " "
July 1879	*a* 11	6	M	1.30 " "	Jan. 1888	*a* 11	8	M	1.25 " "
Jan. 1880	*a* 11	5	M	1.30 " "	July 1888	*a* 11	7	M	1.25 " "
July 1880	*a* 11	6	M	1.30 " "	Jan. 1889	*a* 11	1	M	1.40 " "
Jan. 1881	*a* 11	6	M	1.25 " "	July 1889	*a* 11	1	M	1.40 " "
July 1881	*a* 11	7	M	1.25 " "	Jan. 1890	*a* 11	1	M	1.40 " "
Jan. 1882	*a* 11	5	M	1.25 " "	July 1890	*a* 11	1	M	1.40 " "
July 1882	*a* 11	6	M	1.25 " "	Jan. 1891	*a* 11	1	M	1.40 " "
Jan. 1883	*a* 11	7	M	1.25 " "	July 1891	*a* 11	1	M	1.40 " "

QUILLERS.

July 1848	*b* 11½	21	F	.45 per day.	July 1870	*c* 11½	43	F	1.06 per day.
Jan. 1849	*b* 11½	26	F	.45 " "	Jan. 1871	*c* 11½	47	F	1.05 " "
July 1849	*b* 11½	52	F	.45 " "	July 1871	*c* 11½	48	F	1.02 " "
Jan. 1850	*b* 11½	61	F	.45 " "	Jan. 1872	*c* 11½	49	F	1.06 " "
July 1850	*b* 11½	62	F	.43 " "	July 1872	*c* 11½	50	F	1.01 " "
Jan. 1851	*b* 11½	66	F	.43 " "	Jan. 1873	*c* 11½	48	F	1.06 " "
July 1851	*b* 11½	34	F	.50 " "	July 1873	*c* 11½	49	F	1.10 " "
Jan. 1852	*b* 11½	32	F	.50 " "	Jan. 1874	*c* 11½	49	F	1.09 " "
July 1852	*b* 11½	32	F	.50 " "	July 1874	*c* 11½	48	F	1.15 " "
Jan. 1853	*b* 11½	34	F	.50 " "	Jan. 1875	*a* 11	49	F	1.02½ " "
July 1853	*b* 11½	31	F	.50 " "	July 1875	*a* 11	49	F	1.04 " "
Jan. 1854	*c* 11½	31	F	.50 " "	Jan. 1876	*a* 11	51	F	1.06 " "
July 1854	*c* 11½	35	F	.47 " "	July 1876	*a* 11	63	F	1.04 " "
Jan. 1855	*c* 11½	34	F	.47 " "	Jan. 1877	*a* 11	57	F	.96 " "
July 1855	*c* 11½	31	F	.47 " "	July 1877	*a* 11	60	F	.99 " "
Jan. 1856	*c* 11½	30	F	.54 " "	Jan. 1878	*a* 11	56	F	1.00 " "
July 1856	*c* 11½	23	F	.60 " "	July 1878	*a* 11	60	F	1.02 " "
Jan. 1857	*c* 11½	35	F	.60 " "	Jan. 1879	*a* 11	59	F	1.01 " "
July 1857	*c* 11½	35	F	.55 " "	July 1879	*a* 11	60	F	.96 " "
Jan. 1858	*c* 11½	35	F	.55 " "	Jan. 1880	*a* 11	61	F	.97 " "
July 1858	*c* 11½	35	F	.55 " "	July 1880	*a* 11	62	F	1.01 " "
Jan. 1859	*c* 11½	36	F	.55 " "	Jan. 1881	*a* 11	65	F	.96 " "
July 1859	*c* 11½	32	F	.57 " "	July 1881	*a* 11	65	F	1.07 " "
Jan. 1860	*c* 11½	36	F	.57 " "	Jan. 1882	*a* 11	65	F	1.10 " "
July 1860	*c* 11½	35	F	.57 " "	July 1882	*a* 11	63	F	1.02 " "
Jan. 1861	*c* 11½	37	F	.57 " "	Jan. 1883	*a* 11	65	F	.95 " "
July 1861	*c* 11½	36	F	.55 " "	July 1883	*a* 11	66	F	.93 " "
Jan. 1862	*c* 11½	34	F	.55 " "	Jan. 1884	*a* 11	65	F	.90 " "
July 1862	*c* 11½	29	F	.59 " "	July 1884	*a* 11	64	F	.94½ " "
Jan. 1863	*c* 11½	23	F	.59 " "	Jan. 1885	*a* 11	63	F	.90 " "
July 1863	*c* 11½	20	F	.57 " "	July 1885	*a* 11	62	F	.88 " "
Jan. 1864	*c* 11½	25	F	.57 " "	Jan. 1886	*a* 11	61	F	.89 " "
July 1864	*c* 11½	29	F	.73 " "	July 1886	*a* 11	63	F	.97 " "
Jan. 1865	*c* 11½	29	F	.73 " "	Jan. 1887	*a* 11	66	F	.93 " "
July 1865	*c* 11½	39	F	.74⅓ " "	July 1887	*a* 11	73	F	.94 " "
Jan. 1866	*c* 11½	45	F	.87 " "	Jan. 1888	*a* 11	73	F	.94 " "
July 1866	*c* 11½	45	F	.91 " "	July 1888	*a* 11	71	F	.94 " "
Jan. 1867	*c* 11½	44	F	.94 " "	Jan. 1889	*a* 11	75	F	1.02 " "
July 1867	*c* 11½	43	F	1.00 " "	July 1889	*a* 11	72	F	1.05 " "
Jan. 1868	*c* 11½	43	F	.95 " "	Jan. 1890	*a* 11	69	F	1.16 " "
July 1868	*c* 11½	42	F	.97 " "	July 1890	*a* 11	73	F	1.10 " "
Jan. 1869	*c* 11½	44	F	.98 " "	Jan. 1891	*a* 11	72	F	1.05 " "
July 1869	*c* 11½	44	F	.98 " "	July 1891	*a* 11	74	F	1.08 " "
Jan. 1870	*c* 11½	43	F	1.05 " "					

a On Saturday, 5 hours only.
b On Saturday, 9 hours only.
c On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT NO. 43, MASSACHUSETTS—Continued.

REELERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1848	*a* 11½	17	F	$0.75 per day.	July 1870	*b* 11½	34	F	$1.17 per day.
Jan. 1849	*a* 11½	13	F	.70 " "	Jan. 1871	*b* 11½	39	F	1.37 " "
July 1849	*a* 11½	24	F	.65 " "	July 1871	*b* 11½	35	F	1.29 " "
Jan. 1850	*a* 11½	28	F	.65 " "	Jan. 1872	*b* 11½	35	F	1.37 " "
July 1850	*a* 11½	37	F	.63 " "	July 1872	*b* 11½	35	F	1.38 " "
Jan. 1851	*a* 11½	27	F	.62 " "	Jan. 1873	*b* 11½	35	F	1.42 " "
July 1851	*a* 11½	29	F	.61 " "	July 1873	*b* 11½	35	F	1.42 " "
Jan. 1852	*a* 11½	24	F	.61 " "	Jan. 1874	*b* 11½	36	F	1.28½ " "
July 1852	*a* 11½	26	F	.61 " "	July 1874	*b* 11½	37	F	1.26 " "
Jan. 1853	*a* 11½	21	F	.61 " "	Jan. 1875	*c* 11	34	F	1.13 " "
July 1853	*a* 11½	27	F	.61 " "	July 1875	*c* 11	36	F	1.11 " "
Jan. 1854	*b* 11½	22	F	.61 " "	Jan. 1876	*c* 11	36	F	1.13 " "
July 1854	*b* 11½	26	F	.61 " "	July 1876	*c* 11	37	F	1.07 " "
Jan. 1855	*b* 11½	33	F	.61 " "	Jan. 1877	*c* 11	47	F	1.02 " "
July 1855	*b* 11½	29	F	.68 " "	July 1877	*c* 11	49	F	1.01½ " "
Jan. 1856	*b* 11½	28	F	.67 " "	Jan. 1878	*c* 11	49	F	1.05 " "
July 1856	*b* 11½	36	F	.66 " "	July 1878	*c* 11	49	F	1.01 " "
Jan. 1857	*b* 11½	33	F	.66 " "	Jan. 1879	*c* 11	53	F	1.01 " "
July 1857	*b* 11½	35	F	.68 " "	July 1879	*c* 11	53	F	.95 " "
Jan. 1858	*b* 11½	29	F	.68 " "	Jan. 1880	*c* 11	51	F	.98½ " "
July 1858	*b* 11½	35	F	.76 " "	July 1880	*c* 11	50	F	1.00 " "
Jan. 1859	*b* 11½	37	F	.76 " "	Jan. 1881	*c* 11	51	F	1.02 " "
July 1859	*b* 11½	36	F	.76 " "	July 1881	*c* 11	53	F	1.01 " "
Jan. 1860	*b* 11½	34	F	.66 " "	Jan. 1882	*c* 11	66	F	.98 " "
July 1860	*b* 11½	38	F	.66 " "	July 1882	*c* 11	60	F	1.00 " "
Jan. 1861	*b* 11½	33	F	.79½ " "	Jan. 1883	*c* 11	57	F	1.00 " "
July 1861	*b* 11½	28	F	.79½ " "	July 1883	*c* 11	57	F	1.04 " "
Jan. 1862	*b* 11½	26	F	.79½ " "	Jan. 1884	*c* 11	61	F	1.04 " "
July 1862	*b* 11½	19	F	.96 " "	July 1884	*c* 11	53	F	1.08 " "
Jan. 1863	*b* 11½	14	F	.96 " "	Jan. 1885	*c* 11	53	F	.98 " "
July 1863	*b* 11½	14	F	.87 " "	July 1885	*c* 11	50	F	.99½ " "
Jan. 1864	*b* 11½	21	F	.87 " "	Jan. 1886	*c* 11	55	F	.94½ " "
July 1864	*b* 11½	25	F	.86 " "	July 1886	*c* 11	53	F	1.01 " "
Jan. 1865	*b* 11½	26	F	.86 " "	Jan. 1887	*c* 11	52	F	1.10 " "
July 1865	*b* 11½	39	F	.85 " "	July 1887	*c* 11	57	F	1.22 " "
Jan. 1866	*b* 11½	45	F	.95 " "	Jan. 1888	*c* 11	62	F	1.07 " "
July 1866	*b* 11½	43	F	.98 " "	July 1888	*c* 11	53	F	1.07 " "
Jan. 1867	*b* 11½	55	F	.98 " "	Jan. 1889	*c* 11	63	F	1.13 " "
July 1867	*b* 11½	47	F	1.06 " "	July 1889	*c* 11	59	F	1.15 " "
Jan. 1868	*b* 11½	44	F	1.06 " "	Jan. 1890	*c* 11	53	F	1.17 " "
July 1868	*b* 11½	44	F	1.05 " "	July 1890	*c* 11	56	F	1.22 " "
Jan. 1869	*b* 11½	46	F	1.06 " "	Jan. 1891	*c* 11	59	F	1.20 " "
July 1869	*b* 11½	46	F	1.11 " "	July 1891	*c* 11	59	F	1.18 " "
Jan. 1870	*b* 11½	43	F	1.00 " "					

SECOND HANDS.

July 1848	*a* 11½	2	M	1.25 per day.	Jan. 1851	*a* 11½	1	M	1.25 per day.
	a 11½	1	M	1.34 " "		*a* 11½	3	M	1.50 " "
						a 11½	1	M	1.75 " "
Average	*a* 11½	3	M	1.28 " "	Average	*a* 11½	5	M	1.50 " "
Jan. 1849	*a* 11½	1	M	1.20 " "	July 1851	*a* 11½	1	M	1.25 " "
	a 11½	1	M	1.25 " "		*a* 11½	3	M	1.50 " "
	a 11½	2	M	1.50 " "		*a* 11½	1	M	1.75 " "
Average	*a* 11½	4	M	1.36½ " "	Average	*a* 11½	5	M	1.50 " "
July 1849	*a* 11½	4	M	1.50 " "	Jan. 1852	*a* 11½	1	M	1.25 " "
						a 11½	3	M	1.50 " "
						a 11½	1	M	1.75 " "
Jan. 1850	*a* 11½	1	M	1.25 " "	Average	*a* 11½	5	M	1.50 " "
	a 11½	3	M	1.50 " "	July 1852	*a* 11½	1	M	1.25 " "
	a 11½	1	M	1.75 " "		*a* 11½	3	M	1.50 " "
						a 11½	1	M	1.75 " "
Average	*a* 11½	5	M	1.50 " "	Average	*a* 11½	5	M	1.50 " "
July 1850	*a* 11½	1	M	1.25 " "	Jan. 1853	*a* 11½	4	M	1.50 " "
	a 11½	3	M	1.50 " "		*a* 11½	1	M	1.75 " "
	a 11½	1	M	1.75 " "					
Average	*a* 11½	5	M	1.50 " "	Average	*a* 11½	5	M	1.55 " "

a On Saturday, 9 hours only. *b* On Saturday, 8½ hours only. *c* On Saturday, 5 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1853	a 11½	3	M	$1.50 per day.
	a 11½	2	M	1.75 " "
Average	a 11½	5	M	1.60 " "
Jan. 1854	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
July 1854	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
Jan. 1855	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
July 1855	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
Jan. 1856	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
July 1856	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
Jan. 1857	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
July 1857	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
Jan. 1858	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
July 1858	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
Jan. 1859	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
July 1859	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
Jan. 1860	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
July 1860	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
Jan. 1861	b 11½	4	M	$1.50 per day.
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
July 1861	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
Jan. 1862	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
July 1862	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
Jan. 1863	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
July 1863	b 11½	4	M	1.50 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.55 " "
Jan. 1864	b 11½	2	M	1.50 " "
	b 11½	2	M	1.60 " "
	b 11½	1	M	1.75 " "
Average	b 11½	5	M	1.59 " "
July 1864	b 11½	1	M	1.60 " "
	b 11½	2	M	1.75 " "
	b 11½	1	M	1.87½ " "
	b 11½	1	M	2.00 " "
Average	b 11½	5	M	1.79½ " "
Jan. 1865	b 11½	1	M	1.60 " "
	b 11½	4	M	2.00 " "
Average	b 11½	5	M	1.92 " "
July 1865	b 11½	1	M	1.50 " "
	b 11½	1	M	2.00 " "
	b 11½	3	M	2.25 " "
Average	b 11½	5	M	2.05 " "
Jan. 1866	b 11½	1	M	1.50 " "
	b 11½	1	M	2.25 " "
	b 11½	2	M	2.50 " "
	b 11½	1	M	2.75 " "
Average	b 11½	5	M	2.30 " "
July 1866	b 11½	1	M	1.50 " "
	b 11½	3	M	2.50 " "
	b 11½	1	M	2.75 " "
Average	b 11½	5	M	2.35 " "
Jan. 1867	b 11½	1	M	1.50 " "
	b 11½	3	M	2.50 " "
	b 11½	1	M	2.75 " "
Average	b 11½	5	M	2.35 " "

a On Saturday, 9 hours only.

b On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1867	a 11½	1	M	$1.50 per day.
	a 11½	3	M	2.50 " "
	a 11½	1	M	2.75 " "
Average	a 11½	5	M	2.35 " "
Jan. 1868	a 11½	1	M	1.50 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.40 " "
July 1868	a 11½	1	M	1.50 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.40 " "
Jan. 1869	a 11½	1	M	1.50 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.40 " "
July 1869	a 11½	1	M	1.50 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.40 " "
Jan. 1870	a 11½	1	M	2.00 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.50 " "
July 1870	a 11½	1	M	2.00 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.50 " "
Jan. 1871	a 11½	1	M	2.00 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.50 " "
July 1871	a 11½	1	M	2.00 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.50 " "
Jan. 1872	a 11½	1	M	2.00 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	3.00 " "
July 1872	a 11½	1	M	2.00 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.50 " "
Jan. 1873	a 11½	1	M	2.00 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.50 " "
July 1873	a 11½	1	M	2.00 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.50 " "

a On Saturday, 8½ hours only.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1874	a 11½	1	M	$2.00 per day.
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.50 " "
July 1874	a 11½	1	M	2.00 " "
	a 11½	3	M	2.50 " "
	a 11½	1	M	3.00 " "
Average	a 11½	5	M	2.50 " "
Jan. 1875	b 11½	1	M	1.82 " "
	b 11½	2	M	2.27 " "
	b 11½	1	M	2.50 " "
	b 11½	1	M	2.73 " "
Average	b 11½	5	M	2.32 " "
July 1875	b 11½	1	M	1.82 " "
	b 11½	2	M	2.27 " "
	b 11½	1	M	2.50 " "
	b 11½	1	M	2.73 " "
Average	b 11½	5	M	2.32 " "
Jan. 1876	b 11½	1	M	1.82 " "
	b 11½	2	M	2.27 " "
	b 11½	1	M	2.50 " "
	b 11½	1	M	2.73 " "
Average	b 11½	5	M	2.32 " "
July 1876	b 11½	1	M	1.82 " "
	b 11½	2	M	2.39 " "
	b 11½	1	M	2.50 " "
	b 11½	1	M	3.00 " "
Average	b 11½	5	M	2.42 " "
Jan. 1877	b 11½	1	M	1.82 " "
	b 11½	2	M	2.39 " "
	b 11½	1	M	2.50 " "
	b 11½	1	M	3.00 " "
Average	b 11½	5	M	2.42 " "
July 1877	b 11½	1	M	1.82 " "
	b 11½	2	M	2.39 " "
	b 11½	1	M	2.50 " "
	b 11½	1	M	3.00 " "
Average	b 11½	5	M	2.42 " "
Jan. 1878	b 11½	1	M	1.50 " "
	b 11½	2	M	2.39 " "
	b 11½	1	M	2.50 " "
	b 11½	1	M	3.00 " "
Average	b 11½	5	M	2.35½ " "
July 1878	b 11½	1	M	1.30 " "
	b 11½	1	M	2.35 " "
	b 11½	1	M	2.39 " "
	b 11½	1	M	2.50 " "
	b 11½	1	M	3.00 " "
Average	b 11½	5	M	2.31 " "
Jan. 1879	b 11½	1	M	1.40 " "
	b 11½	2	M	2.39 " "
	b 11½	1	M	2.50 " "
	b 11½	1	M	3.00 " "
Average	b 11½	5	M	2.33½ " "

b On Saturday, 5 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

SECOND HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1879	a 11	1	M	$1.40 per day.
	a 11	2	M	2.39 " "
	a 11	1	M	2.50 " "
	a 11	1	M	2.80 " "
Average	a 11	5	M	2.29½ " "
Jan. 1880	a 11	1	M	1.40 " "
	a 11	2	M	2.39 " "
	a 11	1	M	2.50 " "
	a 11	1	M	2.80 " "
Average	a 11	5	M	2.29½ " "
July 1880	a 11	1	M	1.45 " "
	a 11	2	M	2.39 " "
	a 11	1	M	2.75 " "
	a 11	1	M	2.80 " "
Average	a 11	5	M	2.35½ " "
Jan. 1881	a 11	1	M	1.70 " "
	a 11	2	M	2.39 " "
	a 11	1	M	2.75 " "
	a 11	1	M	2.80 " "
Average	a 11	5	M	2.40½ " "
July 1881	a 11	1	M	1.75 " "
	a 11	2	M	2.39 " "
	a 11	1	M	2.75 " "
	a 11	1	M	2.80 " "
Average	a 11	5	M	2.41½ " "
Jan. 1882	a 11	1	M	1.95 " "
	a 11	1	M	2.17 " "
	a 11	1	M	2.39 " "
	a 11	1	M	2.75 " "
	a 11	1	M	2.80 " "
Average	a 11	5	M	2.41 " "
July 1882	a 11	1	M	2.00 " "
	a 11	1	M	2.17 " "
	a 11	1	M	2.39 " "
	a 11	1	M	2.75 " "
	a 11	1	M	2.80 " "
Average	a 11	5	M	2.42 " "
Jan. 1883	a 11	1	M	2.00 " "
	a 11	1	M	2.17 " "
	a 11	1	M	2.39 " "
	a 11	1	M	2.75 " "
	a 11	1	M	2.80 " "
Average	a 11	5	M	2.42 " "
July 1883	a 11	1	M	2.00 " "
	a 11	1	M	2.17 " "
	a 11	1	M	2.39 " "
	a 11	1	M	2.75 " "
	a 11	1	M	2.80 " "
Average	a 11	5	M	2.42 " "
Jan. 1884	a 11	2	M	2.00 " "
	a 11	1	M	2.39 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.38 " "
July 1884	a 11	2	M	2.00 " "
July 1884—cont'd.	a 11	2	M	$2.25 per day.
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.35 " "
Jan. 1885	a 11	2	M	2.00 " "
	a 11	1	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.35 " "
July 1885	a 11	2	M	2.00 " "
	a 11	1	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.35 " "
Jan. 1886	a 11	2	M	2.00 " "
	a 11	1	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.35 " "
July 1886	a 11	2	M	2.00 " "
	a 11	1	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.35 " "
Jan. 1887	a 11	2	M	2.00 " "
	a 11	1	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.35 " "
July 1887	a 11	2	M	2.00 " "
	a 11	1	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.35 " "
Jan. 1888	a 11	2	M	2.00 " "
	a 11	1	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.35 " "
July 1888	a 11	2	M	2.00 " "
	a 11	1	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.35 " "
Jan. 1889	a 11	2	M	2.00 " "
	a 11	1	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.35 " "
July 1889	a 11	2	M	2.00 " "
	a 11	1	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.35 " "
Jan. 1890	a 11	1	M	2.00 " "
	a 11	2	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.40 " "
July 1890	a 11	1	M	2.00 " "
	a 11	2	M	2.25 " "
	a 11	2	M	2.75 " "
Average	a 11	5	M	2.40 " "

a On Saturday, five hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

SECOND HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891	*a* 11	1	M	$2.00 per day.	July 1891	*a* 11	1	M	$2.00 per day.
	a 11	2	M	2.25 " "		*a* 11	2	M	2.25 " "
	a 11	2	M	2.75 " "		*a* 11	2	M	2.75 " "
Average	*a* 11	5	M	2.40 " "	Average	*a* 11	5	M	2.40 " "

SMASH MENDERS.

July 1848	*b* 11½	1	M	1.00 per day.	July 1870	*c* 11½	4	M	1.50 per day.
Jan. 1849	*b* 11½	2	M	1.12½ " "	Jan. 1871	*c* 11½	4	M	1.50 " "
July 1849	*b* 11½	2	M	1.12½ " "	July 1871	*c* 11½	4	M	1.50 " "
Jan. 1850	*b* 11½	2	M	1.12½ " "	Jan. 1872	*c* 11½	4	M	1.50 " "
July 1850	*b* 11½	2	M	1.12½ " "	July 1872	*c* 11½	4	M	1.50 " "
Jan. 1851	*b* 11½	2	M	1.12½ " "	Jan. 1873	*c* 11½	4	M	1.50 " "
July 1851	*b* 11½	2	M	1.12½ " "	July 1873	*c* 11½	4	M	1.50 " "
Jan. 1852	*b* 11½	2	M	1.12½ " "	Jan. 1874	*c* 11½	4	M	1.50 " "
July 1852	*b* 11½	2	M	1.12½ " "	July 1874	*c* 11½	4	M	1.50 " "
Jan. 1853	*b* 11½	2	M	1.12½ " "	Jan. 1875	*a* 11	4	M	1.36 " "
July 1853	*b* 11½	2	M	1.12½ " "	July 1875	*a* 11	4	M	1.36 " "
Jan. 1854	*c* 11½	2	M	1.12½ " "	Jan. 1876	*a* 11	4	M	1.40 " "
July 1854	*c* 11½	2	M	1.25 " "	July 1876	*a* 11	4	M	1.40 " "
Jan. 1855	*c* 11½	2	M	1.25 " "	Jan. 1877	*a* 11	4	M	1.40 " "
July 1855	*c* 11½	2	M	1.30 " "	July 1877	*a* 11	4	M	1.40 " "
Jan. 1856	*c* 11½	3	M	1.30 " "	Jan. 1878	*a* 11	4	M	1.40 " "
July 1856	*c* 11½	3	M	1.30 " "	July 1878	*a* 11	4	M	1.40 " "
Jan. 1857	*c* 11½	3	M	1.30 " "	Jan. 1879	*a* 11	4	M	1.50 " "
July 1857	*c* 11½	3	M	1.30 " "	July 1879	*a* 11	4	M	1.35 " "
Jan. 1858	*c* 11½	3	M	1.30 " "	Jan. 1880	*a* 11	4	M	1.35 " "
July 1858	*c* 11½	3	M	1.30 " "	July 1880	*a* 11	4	M	1.45 " "
Jan. 1859	*c* 11½	3	M	1.30 " "	Jan. 1881	*a* 11	4	M	1.45 " "
July 1859	*c* 11½	3	M	1.30 " "	July 1881	*a* 11	4	M	1.45 " "
Jan. 1860	*c* 11½	3	M	1.30 " "	Jan. 1882	*a* 11	4	M	1.45 " "
July 1860	*c* 11½	3	M	1.30 " "	July 1882	*a* 11	4	M	1.45 " "
Jan. 1861	*c* 11½	3	M	1.30 " "	Jan. 1883	*a* 11	4	M	1.50 " "
July 1861	*c* 11½	3	M	1.30 " "	July 1883	*a* 11	4	M	1.50 " "
Jan. 1862	*c* 11½	3	M	1.12½ " "	Jan. 1884	*a* 11	4	M	1.45 " "
July 1862	*c* 11½	3	M	1.12½ " "	July 1884	*a* 11	4	M	1.45 " "
Jan. 1863	*c* 11½	3	M	1.12½ " "	Jan. 1885	*a* 11	4	M	1.47 " "
July 1863	*c* 11½	3	M	1.12½ " "	July 1885	*a* 11	4	M	1.47 " "
Jan. 1864	*c* 11½	3	M	1.12½ " "	Jan. 1886	*a* 11	4	M	1.47 " "
July 1864	*c* 11½	3	M	1.17½ " "	July 1886	*a* 11	4	M	1.50 " "
Jan. 1865	*c* 11½	4	M	1.25 " "	Jan. 1887	*a* 11	4	M	1.55 " "
July 1865	*c* 11½	4	M	1.37½ " "	July 1887	*a* 11	4	M	1.55 " "
Jan. 1866	*c* 11½	3	M	1.50 " "	Jan. 1888	*a* 11	5	M	1.55 " "
July 1866	*c* 11½	3	M	1.50 " "	July 1888	*a* 11	5	M	1.55 " "
Jan. 1867	*c* 11½	3	M	1.50 " "	Jan. 1889	*a* 11	5	M	1.55 " "
July 1867	*c* 11½	3	M	1.50 " "	July 1889	*a* 11	5	M	1.55 " "
Jan. 1868	*c* 11½	3	M	1.50 " "	Jan. 1890	*a* 11	5	M	1.55 " "
July 1868	*c* 11½	3	M	1.50 " "	July 1890	*a* 11	5	M	1.55 " "
Jan. 1869	*c* 11½	3	M	1.50 " "	Jan. 1891	*a* 11	5	M	1.50 " "
July 1869	*c* 11½	4	M	1.50 " "	July 1891	*a* 11	5	M	1.50 " "
Jan. 1870	*c* 11½	4	M	1.50 " "					

SPEEDERS.

Jan. 1849	*b* 11½	4	F	.57 per day.	July 1856	*c* 11½	12	F	.55 per day.
July 1849	*b* 11½	11	F	.60 " "	Jan. 1857	*c* 11½	11	F	.55 " "
Jan. 1850	*b* 11½	12	F	.60 " "	July 1857	*c* 11½	12	F	.57 " "
July 1850	*b* 11½	11	F	.60 " "	Jan. 1858	*c* 11½	12	F	.57 " "
Jan. 1851	*b* 11½	14	F	.55 " "	July 1858	*c* 11½	12	F	.57 " "
July 1851	*b* 11½	9	F	.55 " "	Jan. 1859	*c* 11½	10	F	.57 " "
Jan. 1852	*b* 11½	9	F	.55 " "	July 1859	*c* 11½	12	F	.57 " "
July 1852	*b* 11½	11	F	.55 " "	Jan. 1860	*c* 11½	12	F	.60 " "
Jan. 1853	*b* 11½	11	F	.55 " "	July 1860	*c* 11½	12	F	.60 " "
July 1853	*b* 11½	12	F	.55 " "	Jan. 1861	*c* 11½	10	F	.60 " "
Jan. 1854	*c* 11½	14	F	.55 " "	July 1861	*c* 11½	13	F	.60 " "
July 1854	*c* 11½	14	F	.52 " "	Jan. 1862	*c* 11½	12	F	.60 " "
Jan. 1855	*c* 11½	14	F	.52 " "	July 1862	*c* 11½	12	F	.60 " "
July 1855	*c* 11½	14	F	.55 " "	Jan. 1863	*c* 11½	6	F	.60 " "
Jan. 1856	*c* 11½	14	F	.54 " "	July 1863	*c* 11½	6	F	.60 " "

a On Saturday, 5 hours only. *b* On Saturday, 9 hours only. *c* On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

SPEEDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1864	*a* 11½	12	F	$0.65 per day.	Jan. 1878	*b* 11	25	F	$0.95 per day.
July 1864	*a* 11½	11	F	.70 " "	July 1878	*b* 11	28	F	.95 " "
Jan. 1865	*a* 11½	11	F	.80 " "	Jan. 1879	*b* 11	31	F	.95 " "
July 1865	*a* 11½	13	F	.95 " "	July 1879	*b* 11	32	F	.90 " "
Jan. 1866	*a* 11½	17	F	.95 " "	Jan. 1880	*b* 11	9	F	.95 " "
July 1866	*a* 11½	17	F	1.00 " "	July 1880	*b* 11	7	F	.95 " "
Jan. 1867	*a* 11½	20	F	1.00 " "	Jan. 1881	*b* 11	7	F	.90 " "
July 1867	*a* 11½	19	F	1.00 " "	July 1881	*b* 11	7	F	.90 " "
Jan. 1868	*a* 11½	17	F	1.00 " "	Jan. 1882	*b* 11	20	F	.95 " "
July 1868	*a* 11½	21	F	1.00 " "	July 1882	*b* 11	22	F	1.00 " "
Jan. 1869	*a* 11½	21	F	1.00 " "	Jan. 1883	*b* 11	25	F	.95 " "
July 1869	*a* 11½	24	F	1.00 " "	July 1883	*b* 11	24	F	1.00 " "
Jan. 1870	*a* 11½	26	F	1.00 " "	Jan. 1884	*b* 11	27	F	1.00 " "
July 1870	*a* 11½	22	F	1.00 " "	July 1884	*b* 11	27	F	.85 " "
Jan. 1871	*a* 11½	22	F	1.00 " "	Jan. 1885	*b* 11	28	F	.80 " "
July 1871	*a* 11½	24	F	1.00 " "	July 1885	*b* 11	27	F	.80 " "
Jan. 1872	*a* 11½	23	F	1.00 " "	Jan. 1886	*b* 11	27	F	.80 " "
July 1872	*a* 11½	21	F	1.15 " "	July 1886	*b* 11	28	F	.85 " "
Jan. 1873	*a* 11½	23	F	1.15 " "	Jan. 1887	*b* 11	28	F	.85 " "
July 1873	*a* 11½	21	F	1.15 " "	July 1887	*b* 11	34	F	.85 " "
Jan. 1874	*a* 11½	23	F	1.15 " "	Jan. 1888	*b* 11	35	F	.85 " "
July 1874	*a* 11½	23	F	1.15 " "	July 1888	*b* 11	35	F	.95 " "
Jan. 1875	*b* 11	23	F	1.05 " "	Jan. 1889	*b* 11	32	F	.95 " "
July 1875	*b* 11	23	F	1.05 " "	July 1889	*b* 11	38	F	.95 " "
Jan. 1876	*b* 11	24	F	1.05 " "	Jan. 1890	*b* 11	40	F	.95 " "
July 1876	*b* 11	24	F	1.00 " "	July 1890	*b* 11	34	F	1.10 " "
Jan. 1877	*b* 11	23	F	.95 " "	Jan. 1891	*b* 11	45	F	1.05 " "
July 1877	*b* 11	23	F	.95 " "	July 1891	*b* 11	34	F	1.03 " "

SPINNERS, FRAME.

July 1848	*c* 11½	16	F	.63 per day.	July 1870	*a* 11½	23	F	1.00 per day.
Jan. 1849	*c* 11½	15	F	.50 " "	Jan. 1871	*a* 11½	21	F	1.25 " "
July 1849	*c* 11½	18	F	.70 " "	July 1871	*a* 11½	19	F	1.25 " "
Jan. 1850	*c* 11½	18	F	.72 " "	Jan. 1872	*a* 11½	22	F	1.25 " "
July 1850	*c* 11½	17	F	.67 " "	July 1872	*a* 11½	23	F	1.25 " "
Jan. 1851	*c* 11½	21	F	.47 " "	Jan. 1873	*a* 11½	22	F	1.25 " "
July 1851	*c* 11½	12	F	.51 " "	July 1873	*a* 11½	22	F	1.25 " "
Jan. 1852	*c* 11½	10	F	.53 " "	Jan. 1874	*a* 11½	23	F	1.15 " "
July 1852	*c* 11½	12	F	.54 " "	July 1874	*a* 11½	22	F	1.15 " "
Jan. 1853	*c* 11½	16	F	.53 " "	Jan. 1875	*b* 11	22	F	1.05 " "
July 1853	*c* 11½	16	F	.56 " "	July 1875	*b* 11	22	F	1.05 " "
Jan. 1854	*a* 11½	15	F	.56 " "	Jan. 1876	*b* 11	22	F	1.05 " "
July 1854	*a* 11½	17	F	.56 " "	July 1876	*b* 11	22	F	1.00 " "
Jan. 1855	*a* 11½	17	F	.56 " "	Jan. 1877	*b* 11	28	F	.95 " "
July 1855	*a* 11½	17	F	.56 " "	July 1877	*b* 11	28	F	.95 " "
Jan. 1856	*a* 11½	17	F	.56 " "	Jan. 1878	*b* 11	27	F	.95 " "
July 1856	*a* 11½	17	F	.56 " "	July 1878	*b* 11	21	F	1.00 " "
Jan. 1857	*a* 11½	17	F	.56 " "	Jan. 1879	*b* 11	24	F	1.00 " "
July 1857	*a* 11½	17	F	.56 " "	July 1879	*b* 11	26	F	1.00 " "
Jan. 1858	*a* 11½	17	F	.56 " "	Jan. 1880	*b* 11	28	F	1.00 " "
July 1858	*a* 11½	17	F	.56 " "	July 1880	*b* 11	22	F	1.10 " "
Jan. 1859	*a* 11½	17	F	.56 " "	Jan. 1881	*b* 11	22	F	1.10 " "
July 1859	*a* 11½	18	F	.56 " "	July 1881	*b* 11	22	F	1.10 " "
Jan. 1860	*a* 11½	19	F	.56 " "	Jan. 1882	*b* 11	28	F	.95 " "
July 1860	*a* 11½	17	F	.59 " "	July 1882	*b* 11	27	F	1.05 " "
Jan. 1861	*a* 11½	10	F	.59 " "	Jan. 1883	*b* 11	25	F	1.00 " "
July 1861	*a* 11½	10	F	.59 " "	July 1883	*b* 11	25	F	.90 " "
Jan. 1862	*a* 11½	10	F	.59 " "	Jan. 1884	*b* 11	28	F	.85 " "
July 1862	*a* 11½	10	F	.59 " "	July 1884	*b* 11	27	F	.81 " "
Jan. 1863	*a* 11½	6	F	.59 " "	Jan. 1885	*b* 11	29	F	.70 " "
July 1863	*a* 11½	8	F	.60 " "	July 1885	*b* 11	27	F	.75 " "
Jan. 1864	*a* 11½	16	F	.65 " "	Jan. 1886	*b* 11	30	F	.75 " "
July 1864	*a* 11½	18	F	.70 " "	July 1886	*b* 11	47	F	.75 " "
Jan. 1865	*a* 11½	20	F	.80 " "	Jan. 1887	*b* 11	43	F	.80 " "
July 1865	*a* 11½	29	F	.95 " "	July 1887	*b* 11	50	F	.95 " "
Jan. 1866	*a* 11½	26	F	.95 " "	Jan. 1888	*b* 11	75	F	.90 " "
July 1866	*a* 11½	25	F	.95 " "	July 1888	*b* 11	77	F	.90 " "
Jan. 1867	*a* 11½	26	F	1.00 " "	Jan. 1889	*b* 11	83	F	.90 " "
July 1867	*a* 11½	29	F	1.00 " "	July 1889	*b* 11	81	F	.85 " "
Jan. 1868	*a* 11½	22	F	1.00 " "	Jan. 1890	*b* 11	70	F	.85 " "
July 1868	*a* 11½	26	F	1.00 " "	July 1890	*b* 11	79	F	.87 " "
Jan. 1869	*a* 11½	26	F	1.00 " "	Jan. 1891	*b* 11	74	F	.90 " "
July 1869	*a* 11½	25	F	1.00 " "	July 1891	*b* 11	63	F	.90 " "
Jan. 1870	*a* 11½	37	F	1.00 " "					

a On Saturday, 8½ hours only. *b* On Saturday, 5 hours only. *c* On Saturday, 9 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

SPINNERS, MULE.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1871	*a* 11½	12	M	$2.25 per day.	July 1881	*b* 11	12	M	$1.75 per day.
July 1871	*a* 11½	12	M	2.25 " "	Jan. 1882	*b* 11	12	M	1.75 " "
Jan. 1872	*a* 11½	12	M	2.25 " "	July 1882	*b* 11	12	M	1.75 " "
July 1872	*a* 11½	12	M	2.25 " "	Jan. 1883	*b* 11	12	M	1.75 " "
Jan. 1873	*a* 11½	12	M	2.25 " "	July 1883	*b* 11	12	M	1.75 " "
July 1873	*a* 11½	12	M	2.25 " "	Jan. 1884	*b* 11	12	M	1.70 " "
Jan. 1874	*a* 11½	12	M	2.25 " "	July 1884	*b* 11	12	M	1.70 " "
July 1874	*a* 11½	12	M	2.25 " "	Jan. 1885	*b* 11	12	M	1.60 " "
Jan. 1875	*b* 11	12	M	2.05 " "	July 1885	*b* 11	12	M	1.60 " "
July 1875	*b* 11	12	M	2.05 " "	Jan. 1886	*b* 11	12	M	1.60 " "
Jan. 1876	*b* 11	12	M	2.05 " "	July 1886	*b* 11	12	M	1.70 " "
July 1876	*b* 11	12	M	1.95 " "	Jan. 1887	*b* 11	12	M	1.70 " "
Jan. 1877	*b* 11	12	M	1.90 " "	July 1887	*b* 11	12	M	1.70 " "
July 1877	*b* 11	12	M	1.90 " "	Jan. 1888	*b* 11	12	M	1.70 " "
Jan. 1878	*b* 11	12	M	1.90 " "	July 1888	*b* 11	12	M	1.70 " "
July 1878	*b* 11	12	M	1.90 " "	Jan. 1889	*b* 11	12	M	1.70 " "
Jan. 1879	*b* 11	12	M	1.90 " "	July 1889	*b* 11	12	M	1.70 " "
July 1879	*b* 11	12	M	1.75 " "	Jan. 1890	*b* 11	12	M	1.70 " "
Jan. 1880	*b* 11	12	M	1.75 " "	July 1890	*b* 11	12	M	1.70 " "
July 1880	*b* 11	12	M	1.75 " "	Jan. 1891	*b* 11	12	M	1.70 " "
Jan. 1881	*b* 11	12	M	1.75 " "	July 1891	*b* 11	12	M	1.70 " "

WARPERS.

July 1848	*c* 11½	12	F	.80 per day.	July 1870	*a* 11½	35	F	1.28 per day.
Jan. 1849	*c* 11½	9	F	.85 " "	Jan. 1871	*a* 11½	36	F	1.46 " "
July 1849	*c* 11½	28	F	.80 " "	July 1871	*a* 11½	36	F	1.54 " "
Jan. 1850	*c* 11½	33	F	.90 " "	Jan. 1872	*a* 11½	36	F	1.56½ " "
July 1850	*c* 11½	23	F	.90 " "	July 1872	*a* 11½	37	F	1.44 " "
Jan. 1851	*c* 11½	31	F	.78 " "	Jan. 1873	*a* 11½	36	F	1.55 " "
July 1851	*c* 11½	20	F	.75 " "	July 1873	*a* 11½	32	F	1.57 " "
Jan. 1852	*c* 11½	27	F	.75 " "	Jan. 1874	*a* 11½	20	F	1.59 " "
July 1852	*c* 11½	26	F	.75 " "	July 1874	*a* 11½	20	F	1.59 " "
Jan. 1853	*c* 11½	35	F	.75 " "	Jan. 1875	*b* 11	16	F	1.58 " "
July 1853	*c* 11½	24	F	.83 " "	July 1875	*b* 11	17	F	1.64 " "
Jan. 1854	*a* 11½	24	F	.83 " "	Jan. 1876	*b* 11	18	F	1.73 " "
July 1854	*a* 11½	24	F	.83 " "	July 1876	*b* 11	22	F	1.11 " "
Jan. 1855	*a* 11½	30	F	.83 " "	Jan. 1877	*b* 11	24	F	1.19½ " "
July 1855	*a* 11½	35	F	.61 " "	July 1877	*b* 11	26	F	1.25 " "
Jan. 1856	*a* 11½	34	F	.63 " "	Jan. 1878	*b* 11	25	F	1.20 " "
July 1856	*a* 11½	37	F	.64 " "	July 1878	*b* 11	26	F	1.13 " "
Jan. 1857	*a* 11½	37	F	.65 " "	Jan. 1879	*b* 11	25	F	1.12 " "
July 1857	*a* 11½	35	F	.66 " "	July 1879	*b* 11	26	F	1.10½ " "
Jan. 1858	*a* 11½	29	F	.67 " "	Jan. 1880	*b* 11	26	F	1.15 " "
July 1858	*a* 11½	33	F	.80 " "	July 1880	*b* 11	27	F	1.14 " "
Jan. 1859	*a* 11½	32	F	.80 " "	Jan. 1881	*b* 11	32	F	1.06½ " "
July 1859	*a* 11½	26	F	.73 " "	July 1881	*b* 11	30	F	1.09 " "
Jan. 1860	*a* 11½	26	F	.73 " "	Jan. 1882	*b* 11	38	F	1.07 " "
July 1860	*a* 11½	26	F	.73 " "	July 1882	*b* 11	32	F	1.12 " "
Jan. 1861	*a* 11½	27	F	.73 " "	Jan. 1883	*b* 11	35	F	1.20 " "
July 1861	*a* 11½	20	F	.98 " "	July 1883	*b* 11	34	F	1.08 " "
Jan. 1862	*a* 11½	20	F	.97 " "	Jan. 1884	*b* 11	35	F	1.02 " "
July 1862	*a* 11½	19	F	.95 " "	July 1884	*b* 11	34	F	1.05 " "
Jan. 1863	*a* 11½	11	F	.90 " "	Jan. 1885	*b* 11	35	F	.96 " "
July 1863	*a* 11½	13	F	.79 " "	July 1885	*b* 11	41	F	.97 " "
Jan. 1864	*a* 11½	18	F	.76 " "	Jan. 1886	*b* 11	37	F	.85 " "
July 1864	*a* 11½	25	F	.74 " "	July 1886	*b* 11	37	F	1.00 " "
Jan. 1865	*a* 11½	20	F	.80 " "	Jan. 1887	*b* 11	36	F	1.03 " "
July 1865	*a* 11½	28	F	1.03½ " "	July 1887	*b* 11	36	F	.96 " "
Jan. 1866	*a* 11½	35	F	1.05 " "	Jan. 1888	*b* 11	39	F	.95 " "
July 1866	*a* 11½	34	F	1.05 " "	July 1888	*b* 11	36	F	.96 " "
Jan. 1867	*a* 11½	37	F	1.05 " "	Jan. 1889	*b* 11	36	F	1.00 " "
July 1867	*a* 11½	37	F	1.28 " "	July 1889	*b* 11	35	F	1.27 " "
Jan. 1868	*a* 11½	30	F	1.30 " "	Jan. 1890	*b* 11	31	F	1.30 " "
July 1868	*a* 11½	32	F	1.32 " "	July 1890	*b* 11	36	F	1.40 " "
Jan. 1869	*a* 11½	35	F	1.35 " "	Jan. 1891	*b* 11	36	F	1.29 " "
July 1869	*a* 11½	37	F	1.39 " "	July 1891	*b* 11	35	F	1.37 " "
Jan. 1870	*a* 11½	37	F	1.20 " "					

a On Saturday, 8½ hours only.
b On Saturday, 5 hours only.
c On Saturday, 9 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

WATCHMEN.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1848	12	4	M	$1.06 per day.	July 1870	12	5	M	$1.63 per day.
Jan. 1849	12	3	M	1.06 " "	Jan. 1871	12	5	M	1.63 " "
July 1849	12	4	M	1.06 " "	July 1871	12	5	M	1.63 " "
Jan. 1850	12	3	M	1.06 " "	Jan. 1872	12	4	M	1.63 " "
July 1850	12	2	M	1.06 " "	July 1872	12	4	M	1.70 " "
Jan. 1851	12	2	M	1.06¼ " "	Jan. 1873	12	4	M	1.70 " "
July 1851	12	2	M	1.06¼ " "	July 1873	12	4	M	1.70 " "
Jan. 1852	12	2	M	1.06¼ " "	Jan. 1874	12	4	M	1.70 " "
July 1852	12	2	M	1.06¼ " "	July 1874	12	4	M	1.70 " "
Jan. 1853	12	3	M	1.06¼ " "	Jan. 1875	12	4	M	1.70 " "
July 1853	12	3	M	1.06¼ " "	July 1875	12	4	M	1.70 " "
Jan. 1854	12	3	M	1.06¼ " "	Jan. 1876	12	5	M	1.70 " "
July 1854	12	3	M	1.06¼ " "	July 1876	12	5	M	1.70 " "
Jan. 1855	12	3	M	1.06¼ " "	Jan. 1877	12	6	M	1.70 " "
July 1855	12	3	M	1.06¼ " "	July 1877	12	6	M	1.70 " "
Jan. 1856	12	3	M	1.06¼ " "	Jan. 1878	12	6	M	1.70 " "
July 1856	12	3	M	1.06¼ " "	July 1878	12	6	M	1.70 " "
Jan. 1857	12	3	M	1.06¼ " "	Jan. 1879	12	5	M	1.70 " "
July 1857	12	3	M	1.06¼ " "	July 1879	12	5	M	1.60 " "
Jan. 1858	12	3	M	1.06¼ " "	Jan. 1880	12	5	M	1.60 " "
July 1858	12	3	M	1.06¼ " "	July 1880	12	5	M	1.60 " "
Jan. 1859	12	2	M	1.06¼ " "	Jan. 1881	12	5	M	1.60 " "
July 1859	12	2	M	1.06¼ " "	July 1881	12	5	M	1.60 " "
Jan. 1860	12	2	M	1.06¼ " "	Jan. 1882	12	5	M	1.60 " "
July 1860	12	2	M	1.06¼ " "	July 1882	12	5	M	1.60 " "
Jan. 1861	12	2	M	1.06¼ " "	Jan. 1883	12	5	M	1.60 " "
July 1861	12	2	M	1.06¼ " "	July 1883	12	5	M	1.60 " "
Jan. 1862	12	2	M	1.06¼ " "	Jan. 1884	12	5	M	1.60 " "
July 1862	12	2	M	1.06¼ " "	July 1884	12	5	M	1.60 " "
Jan. 1863	12	2	M	1.06¼ " "	Jan. 1885	12	5	M	1.55 " "
July 1863	12	2	M	1.06¼ " "	July 1885	12	5	M	1.55 " "
Jan. 1864	12	2	M	1.06¼ " "	Jan. 1886	12	5	M	1.55 " "
July 1864	12	3	M	1.33½ " "	July 1886	12	5	M	1.60 " "
Jan. 1865	12	3	M	1.33½ " "	Jan. 1887	12	5	M	1.60 " "
July 1865	12	4	M	1.50 " "	July 1887	12	5	M	1.60 " "
Jan. 1866	12	2	M	1.50 " "	Jan. 1888	12	5	M	1.60 " "
July 1866	12	2	M	1.50 " "	July 1888	12	5	M	1.60 " "
Jan. 1867	12	3	M	1.50 " "	Jan. 1889	12	5	M	1.60 " "
July 1867	12	3	M	1.63 " "	July 1889	12	6	M	1.60 " "
Jan. 1868	12	3	M	1.63 " "	Jan. 1890	12	6	M	1.60 " "
July 1868	12	4	M	1.63 " "	July 1890	12	6	M	1.60 " "
Jan. 1869	12	4	M	1.63 " "	Jan. 1891	12	6	M	1.60 " "
July 1869	12	4	M	1.63 " "	July 1891	12	6	M	1.60 " "
Jan. 1870	12	6	M	1.63 " "					

WEAVERS.

Jan. 1849	*a* 11½	6	M	.88 per day.	July 1851	*a* 11½	166	F	.90 per day.
	a 11½	83	F	.90 " "		*a* 11½	8	M	1.14 " "
Average	*a* 11½	89	.....	.90 " "	Average	*a* 11½	174	.....	.91 " "
July 1849	*a* 11½	143	F	.74 " "	Jan. 1852	*a* 11½	232	F	.64 " "
	a 11½	12	M	.89½ " "		*a* 11½	8	M	.84 " "
Average	*a* 11½	155	.....	.75 " "	Average	*a* 11½	240	.....	.64½ " "
Jan. 1850	*a* 11½	199	F	.88 " "	July 1852	*a* 11½	200	F	.73 " "
	a 11½	11	M	1.05 " "		*a* 11½	18	M	.94 " "
Average	*a* 11½	210	.....	.89 " "	Average	*a* 11½	218	.....	.75 " "
July 1850	*a* 11½	177	F	.81 " "	Jan. 1853	*a* 11½	240	F	.63 " "
	a 11½	7	M	1.27 " "		*a* 11½	17	M	.83 " "
Average	*a* 11½	184	.....	.85½ " "	Average	*a* 11½	257	.....	.64½ " "
Jan. 1851	*a* 11½	221	F	.66 " "	July 1853	*a* 11½	165	F	.77 " "
	a 11½	6	M	.93 " "		*a* 11½	18	M	.94 " "
Average	*a* 11½	227	.....	.66½ " "	Average	*a* 11½	183	.....	.78½ " "

a On Saturday, 9 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

WEAVERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854	*a* 11½	196	F	$0.60 per day.	July 1861	*a* 11½	97	F	$0.80 per day.
	a 11½	23	M	.81 " "		*a* 11½	100	M	.97 " "
Average	*a* 11½	219	.....	.62 " "	Average	*a* 11½	197	.....	.88½ " "
July 1854	*a* 11½	245	F	.65 " "	Jan. 1862	*a* 11½	120	F	.73 " "
	a 11½	24	M	.92 " "		*a* 11½	82	M	.90 " "
Average	*a* 11½	269	.....	.67½ " "	Average	*a* 11½	202	.....	.80 " "
Jan. 1855	*a* 11½	200	F	.67½ " "	July 1862	*a* 11½	89	F	.82 " "
	a 11½	30	M	.89 " "		*a* 11½	65	M	.97 " "
Average	*a* 11½	230	.....	.70½ " "	Average	*a* 11½	154	.....	.88½ " "
July 1855	*a* 11½	184	F	.68½ " "	Jan. 1863	*a* 11½	88	F	.77 " "
	a 11½	56	M	.95 " "		*a* 11½	23	M	.90 " "
Average	*a* 11½	240	.....	.74½ " "	Average	*a* 11½	111	.....	.79½ " "
Jan. 1856	*a* 11½	164	F	.70 " "	July 1863	*a* 11½	90	F	.76 " "
	a 11½	65	M	.95 " "		*a* 11½	11	M	.97 " "
Average	*a* 11½	229	.....	.77 " "	Average	*a* 11½	101	.....	.78½ " "
July 1856	*a* 11½	149	F	.76 " "	Jan. 1864	*a* 11½	115	F	.73 " "
	a 11½	74	M	1.06 " "		*a* 11½	35	M	.92 " "
Average	*a* 11½	223	.....	.86 " "	Average	*a* 11½	150	.....	.77½ " "
Jan. 1857	*a* 11½	144	F	.73 " "	July 1864	*a* 11½	160	F	.78½ " "
	a 11½	73	M	.96 " "		*a* 11½	40	M	.98 " "
Average	*a* 11½	217	.....	.80½ " "	Average	*a* 11½	200	.....	.82½ " "
July 1857	*a* 11½	150	F	.80 " "	Jan. 1865	*a* 11½	140	F	.96½ " "
	a 11½	80	M	1.19 " "		*a* 11½	40	M	1.20 " "
Average	*a* 11½	230	.....	.93½ " "	Average	*a* 11½	180	.....	1.01½ " "
Jan. 1858	*a* 11½	110	F	.78 " "	July 1865	*a* 11½	188	F	1.09 " "
	a 11½	69	M	1.01 " "		*a* 11½	34	M	1.26 " "
Average	*a* 11½	179	.....	.87 " "	Average	*a* 11½	222	.....	1.11½ " "
July 1858	*a* 11½	114	F	.73 " "	Jan. 1866	*a* 11½	196	F	1.19 " "
	a 11½	90	M	.96 " "		*a* 11½	85	M	1.55 " "
Average	*a* 11½	204	.....	.83 " "	Average	*a* 11½	281	.....	1.30 " "
Jan. 1859	*a* 11½	118	F	.71 " "	July 1866	*a* 11½	172	F	1.28 " "
	a 11½	90	M	.93 " "		*a* 11½	98	M	1.72 " "
Average	*a* 11½	208	.....	.80½ " "	Average	*a* 11½	270	.....	1.44 " "
July 1859	*a* 11½	111	F	.75 " "	Jan. 1867	*a* 11½	171	F	1.35 " "
	a 11½	72	M	1.00 " "		*a* 11½	106	M	1.65 " "
Average	*a* 11½	183	.....	.85 " "	Average	*a* 11½	277	.....	1.46½ " "
Jan. 1860	*a* 11½	115	F	.72 " "	July 1867	*a* 11½	136	F	1.31 " "
	a 11½	85	M	.93 " "		*a* 11½	126	M	1.54 " "
Average	*a* 11½	200	.....	.81 " "	Average	*a* 11½	262	.....	1.42 " "
July 1860	*a* 11½	103	F	.70 " "	Jan. 1868	*a* 11½	137	F	1.27 " "
	a 11½	93	M	.91 " "		*a* 11½	139	M	1.53 " "
Average	*a* 11½	196	.....	.80 " "	Average	*a* 11½	276	.....	1.40 " "
Jan. 1861	*a* 11½	98	F	.71 " "	July 1868	*a* 11½	161	F	1.24 " "
	a 11½	108	M	.93 " "		*a* 11½	124	M	1.63 " "
Average	*a* 11½	206	.....	.82½ " "	Average	*a* 11½	285	.....	1.41 " "

a On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

WEAVERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	*a* 11½	152	F	$1.26 per day.
	a 11½	121	M	1.62 " "
Average	*a* 11½	273	.....	1.42 " "
July 1869	*a* 11½	159	F	1.28 " "
	a 11½	124	M	1.63 " "
Average	*a* 11½	283	.....	1.43½ " "
Jan. 1870	*a* 11½	138	F	1.29 " "
	a 11½	136	M	1.58 " "
Average	*a* 11½	274	.....	1.43½ " "
July 1870	*a* 11½	142	F	1.29 " "
	a 11½	129	M	1.73 " "
Average	*a* 11½	271	.....	1.50 " "
Jan. 1871	*a* 11½	148	F	1.37½ " "
	a 11½	154	M	1.78 " "
Average	*a* 11½	302	.....	1.58 " "
July 1871	*a* 11½	158	F	1.41 " "
	a 11½	138	M	1.84 " "
Average	*a* 11½	296	.....	1.61 " "
Jan. 1872	*a* 11½	151	F	1.56 " "
	a 11½	142	M	1.91 " "
Average	*a* 11½	293	.....	1.73 " "
July 1872	*a* 11½	152	F	1.53 " "
	a 11½	149	M	1.84 " "
Average	*a* 11½	301	.....	1.68½ " "
Jan. 1873	*a* 11½	150	F	1.49 " "
	a 11½	159	M	1.84 " "
Average	*a* 11½	309	.....	1.67 " "
July 1873	*a* 11½	143	F	1.60 " "
	a 11½	161	M	1.87 " "
Average	*a* 11½	304	.....	1.74½ " "
Jan. 1874	*a* 11½	144	F	1.40 " "
	a 11½	164	M	1.70 " "
Average	*a* 11½	308	.....	1.56 " "
July 1874	*a* 11½	153	F	1.47 " "
	a 11½	179	M	1.76 " "
Average	*a* 11½	332	.....	1.62½ " "
Jan. 1875	*b* 11	143	F	1.30 " "
	b 11	190	M	1.60 " "
Average	*b* 11	333	.....	1.47 " "
July 1875	*b* 11	153	F	1.32 " "
	b 11	177	M	1.65 " "
Average	*b* 11	330	.....	1.49½ " "
Jan. 1876	*b* 11	148	F	1.36 " "
	b 11	199	M	1.65 " "
Average	*b* 11	347	.....	1.52½ " "
July 1876	*b* 11	186	F	$1.21 per day.
	b 11	264	M	1.44 " "
Average	*b* 11	450	.....	1.34½ " "
Jan. 1877	*b* 11	183	F	1.12 " "
	b 11	255	M	1.36 " "
Average	*b* 11	438	.....	1.26 " "
July 1877	*b* 11	184	F	1.17 " "
	b 11	260	M	1.37 " "
Average	*b* 11	444	.....	1.28½ " "
Jan. 1878	*b* 11	172	F	1.21 " "
	b 11	272	M	1.42 " "
Average	*b* 11	444	.....	1.34 " "
July 1878	*b* 11	178	F	1.20 " "
	b 11	295	M	1.38 " "
Average	*b* 11	473	.....	1.31 " "
Jan. 1879	*b* 11	175	F	1.19 " "
	b 11	298	M	1.34 " "
Average	*b* 11	473	.....	1.28½ " "
July 1879	*b* 11	180	F	1.15 " "
	b 11	291	M	1.32 " "
Average	*b* 11	471	.....	1.25½ " "
Jan. 1880	*b* 11	172	F	1.18 " "
	b 11	303	M	1.31 " "
Average	*b* 11	475	.....	1.26½ " "
July 1880	*b* 11	190	F	1.17 " "
	b 11	299	M	1.30 " "
Average	*b* 11	489	.....	1.25 " "
Jan. 1881	*b* 11	196	F	1.15 " "
	b 11	296	M	1.23 " "
Average	*b* 11	492	.....	1.20 " "
July 1881	*b* 11	217	F	1.07 " "
	b 11	320	M	1.17 " "
Average	*b* 11	537	.....	1.13 " "
Jan. 1882	*b* 11	245	F	1.13 " "
	b 11	351	M	1.26 " "
Average	*b* 11	596	.....	1.20½ " "
July 1882	*b* 11	240	F	1.24 " "
	b 11	342	M	1.42 " "
Average	*b* 11	582	.....	1.34½ " "
Jan. 1883	*b* 11	240	F	1.19 " "
	b 11	320	M	1.38 " "
Average	*b* 11	560	.....	1.30 " "
July 1883	*b* 11	236	F	1.18 " "
	b 11	324	M	1.33 " "
Average	*b* 11	560	.....	1.26½ " "

a On Saturd ay, 8½ hours only.

b On Saturday, 5 hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

WEAVERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884	*a* 11	246	F	$1.09 per day.	Jan. 1888	*a* 11	357	F	$1.14 per day.
	a 11	316	M	1.26 " "		*a* 11	346	M	1.34 " "
Average	*a* 11	562	.....	1.18½ " "	Average	*a* 11	703	.....	1.24 " "
July 1884	*a* 11	262	F	1.16 " "	July 1888	*a* 11	375	F	1.16 " "
	a 11	297	M	1.32 " "		*a* 11	333	M	1.44 " "
Average	*a* 11	559	.....	1.24½ " "	Average	*a* 11	708	.....	1.29 " "
Jan. 1885	*a* 11	258	F	1.05 " "	Jan. 1889	*a* 11	393	F	1.16 " "
	a 11	303	M	1.19 " "		*a* 11	388	M	1.31 " "
Average	*a* 11	561	.....	1.12½ " "	Average	*a* 11	781	.....	1.23½ " "
July 1885	*a* 11	281	F	1.04 " "	July 1889	*a* 11	384	F	1.22 " "
	a 11	292	M	1.20 " "		*a* 11	384	M	1.45 " "
Average	*a* 11	573	.....	1.12 " "	Average	*a* 11	768	.....	1.33½ " "
Jan. 1886	*a* 11	291	F	.99 " "	Jan. 1890	*a* 11	359	F	1.17 " "
	a 11	296	M	1.17 " "		*a* 11	372	M	1.39 " "
Average	*a* 11	587	.....	1.08 " "	Average	*a* 11	731	.....	1.28 " "
July 1886	*a* 11	269	F	1.15 " "	July 1890	*a* 11	381	F	1.24 " "
	a 11	302	M	1.28 " "		*a* 11	383	M	1.44 " "
Average	*a* 11	571	.....	1.22 " "	Average	*a* 11	764	.....	1.34 " "
Jan. 1887	*a* 11	285	F	1.14 " "	Jan. 1891	*a* 11	384	F	1.21 " "
	a 11	330	M	1.35 " "		*a* 11	372	M	1.42 " "
Average	*a* 11	615	.....	1.25½ " "	Average	*a* 11	756	.....	1.31½ " "
July 1887	*a* 11	333	F	1.10 " "	July 1891	*a* 11	378	F	1.21 " "
	a 11	350	M	1.38 " "		*a* 11	371	M	1.43 " "
Average	*a* 11	683	.....	1.24½ " "	Average	*a* 11	749	.....	1.32 " "

WINDERS.

July 1848	*b* 11½	41	F	.70 per day.	Jan. 1864	*c* 11½	44	F	.68 per day.
Jan. 1849	*b* 11½	30	F	.65 " "	July 1864	*c* 11½	52	F	.79 " "
July 1849	*b* 11½	67	F	.64 " "	Jan. 1865	*c* 11½	49	F	.80 " "
Jan. 1850	*b* 11½	83	F	.62 " "	July 1865	*c* 11½	70	F	.94 " "
July 1850	*b* 11½	75	F	.62 " "	Jan. 1866	*c* 11½	82	F	.98 " "
Jan. 1851	*b* 11½	85	F	.55 " "	July 1866	*c* 11½	85	F	1.04 " "
July 1851	*b* 11½	66	F	.50 " "	Jan. 1867	*c* 11½	83	F	1.02 " "
Jan. 1852	*b* 11½	75	F	.53 " "	July 1867	*c* 11½	82	F	1.06 " "
July 1852	*b* 11½	83	F	.50 " "	Jan. 1868	*c* 11½	77	F	1.07 " "
Jan. 1853	*b* 11½	84	F	.45 " "	July 1868	*c* 11½	81	F	1.08 " "
July 1853	*b* 11½	71	F	.50 " "	Jan. 1869	*c* 11½	85	F	1.08 " "
Jan. 1854	*c* 11½	69	F	.48 " "	July 1869	*c* 11½	83	F	1.13 " "
July 1854	*c* 11½	87	F	.47 " "	Jan. 1870	*c* 11½	86	F	1.07 " "
Jan. 1855	*c* 11½	85	F	.48 " "	July 1870	*c* 11½	84	F	1.15 " "
July 1855	*c* 11½	99	F	.50 " "	Jan. 1871	*c* 11½	85	F	1.27 " "
Jan. 1856	*c* 11½	105	F	.52 " "	July 1871	*c* 11½	81	F	1.26 " "
July 1856	*c* 11½	111	F	.54 " "	Jan. 1872	*c* 11½	86	F	1.24 " "
Jan. 1857	*c* 11½	97	F	.55 " "	July 1872	*c* 11½	84	F	1.28 " "
July 1857	*c* 11½	106	F	.55 " "	Jan. 1873	*c* 11½	86	F	1.35 " "
Jan. 1858	*c* 11½	90	F	.55 " "	July 1873	*c* 11½	83	F	1.30 " "
July 1858	*c* 11½	106	F	.62 " "	Jan. 1874	*c* 11½	92	F	1.23½ " "
Jan. 1859	*c* 11½	104	F	.60 " "	July 1874	*c* 11½	99	F	1.22 " "
July 1859	*c* 11½	103	F	.57 " "	Jan. 1875	*a* 11	98	F	1.12 " "
Jan. 1860	*c* 11½	103	F	.56 " "	July 1875	*a* 11	94	F	1.15 " "
July 1860	*c* 11½	101	F	.59 " "	Jan. 1876	*a* 11	104	F	1.00 " "
Jan. 1861	*c* 11½	99	F	.60 " "	July 1876	*a* 11	140	F	.97½ " "
July 1861	*c* 11½	70	F	.68 " "	Jan. 1877	*a* 11	137	F	.96 " "
Jan. 1862	*c* 11½	61	F	.68 " "	July 1877	*a* 11	138	F	.94 " "
July 1862	*c* 11½	54	F	.68 " "	Jan. 1878	*a* 11	143	F	.96 " "
Jan. 1863	*c* 11½	43	F	.68 " "	July 1878	*a* 11	145	F	.98 " "
July 1863	*c* 11½	37	F	.68 " "	Jan. 1879	*a* 11	137	F	.96 " "

a On Saturday, 5 hours only. *b* On Saturday, 9 hours only. *c* On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Concluded.

WINDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1879	a 11	137	F	$0.96 per day.	Jan. 1886	a 11	147	F	$0.94 per day.
Jan. 1880	a 11	141	F	.98 " "	July 1886	a 11	155	F	.93 " "
July 1880	a 11	147	F	.97 " "	Jan. 1887	a 11	149	F	.94 " "
Jan. 1881	a 11	149	F	.95½ " "	July 1887	a 11	175	F	.95 " "
July 1881	a 11	152	F	.95 " "	Jan. 1888	a 11	171	F	.98 " "
Jan. 1882	a 11	163	F	1.04 " "	July 1888	a 11	177	F	1.00 " "
July 1882	a 11	149	F	1.02½ " "	Jan. 1889	a 11	168	F	1.15 " "
Jan. 1883	a 11	153	F	1.00 " "	July 1889	a 11	164	F	1.10 " "
July 1883	a 11	149	F	.97 " "	Jan. 1890	a 11	158	F	1.03 " "
Jan. 1884	a 11	147	F	1.00 " "	July 1890	a 11	169	F	1.03 " "
July 1884	a 11	148	F	.98 " "	Jan. 1891	a 11	169	F	1.05 " "
Jan. 1885	a 11	148	F	.93 " "	July 1891	a 11	162	F	1.10 " "
July 1885	a 11	153	F	.93½ " "					

YARD HANDS.

July 1848	b 11½	4	M	.83½ per day.	July 1870	c 11½	27	M	1.63 per day.
Jan. 1849	b 11½	4	M	.92 " "	Jan. 1871	c 11½	14	M	1.63 " "
July 1849	b 11½	4	M	.92 " "	July 1871	c 11½	24	M	1.63 " "
Jan. 1850	b 11½	4	M	.92 " "	Jan. 1872	c 11½	13	M	1.63 " "
July 1850	b 11½	10	M	.92 " "	July 1872	c 11½	26	M	1.75 " "
Jan. 1851	b 11½	6	M	.92 " "	Jan. 1873	c 11½	12	M	1.75 " "
July 1851	b 11½	7	M	.92 " "	July 1873	c 11½	21	M	1.75 " "
Jan. 1852	b 11½	3	M	.83 " "	Jan. 1874	c 11½	15	M	1.75 " "
July 1852	b 11½	15	M	1.00 " "	July 1874	c 11½	13	M	1.75 " "
Jan. 1853	b 11½	12	M	.92 " "	Jan. 1875	a 11	8	M	1.65 " "
July 1853	b 11½	10	M	.92 " "	July 1875	a 11	7	M	1.60 " "
Jan. 1854	c 11½	12	M	.92 " "	Jan. 1876	a 11	7	M	1.60 " "
July 1854	c 11½	15	M	1.00 " "	July 1876	a 11	20	M	1.60 " "
Jan. 1855	c 11½	10	M	1.00 " "	Jan. 1877	a 11	10	M	1.60 " "
July 1855	c 11½	10	M	1.00 " "	July 1877	a 11	6	M	1.40 " "
Jan. 1856	c 11½	10	M	1.00 " "	Jan. 1878	a 11	5	M	1.40 " "
July 1856	c 11½	10	M	1.00 " "	July 1878	a 11	6	M	1.40 " "
Jan. 1857	c 11½	10	M	1.00 " "	Jan. 1879	a 11	7	M	1.40 " "
July 1857	c 11½	12	M	1.00 " "	July 1879	a 11	10	M	1.40 " "
Jan. 1858	c 11½	10	M	1.00 " "	Jan. 1880	a 11	12	M	1.20 " "
July 1858	c 11½	10	M	.92 " "	July 1880	a 11	23	M	1.40 " "
Jan. 1859	c 11½	9	M	1.00 " "	Jan. 1881	a 11	22	M	1.40 " "
July 1859	c 11½	9	M	1.00 " "	July 1881	a 11	21	M	1.30 " "
Jan. 1860	c 11½	10	M	1.00 " "	Jan. 1882	a 11	20	M	1.40 " "
July 1860	c 11½	10	M	1.00 " "	July 1882	a 11	20	M	1.40 " "
Jan. 1861	c 11½	10	M	1.00 " "	Jan. 1883	a 11	13	M	1.35 " "
July 1861	c 11½	8	M	1.00 " "	July 1883	a 11	12	M	1.35 " "
Jan. 1862	c 11½	6	M	1.00 " "	Jan. 1884	a 11	10	M	1.35 " "
July 1862	c 11½	6	M	1.00 " "	July 1884	a 11	12	M	1.35 " "
Jan. 1863	c 11½	6	M	1.00 " "	Jan. 1885	a 11	12	M	1.30 " "
July 1863	c 11½	6	M	1.00 " "	July 1885	a 11	10	M	1.50 " "
Jan. 1864	c 11½	8	M	1.00 " "	Jan. 1886	a 11	15	M	1.35 " "
July 1864	c 11½	8	M	1.25 " "	July 1886	a 11	17	M	1.40 " "
Jan. 1865	c 11½	10	M	1.50 " "	Jan. 1887	a 11	14	M	1.35 " "
July 1865	c 11½	10	M	1.63 " "	July 1887	a 11	12	M	1.35 " "
Jan. 1866	c 11½	12	M	1.63 " "	Jan. 1888	a 11	10	M	1.35 " "
July 1866	c 11½	12	M	1.63 " "	July 1888	a 11	8	M	1.35 " "
Jan. 1867	c 11½	11	M	1.63 " "	Jan. 1889	a 11	9	M	1.35 " "
July 1867	c 11½	10	M	1.63 " "	July 1889	a 11	12	M	1.35 " "
Jan. 1868	c 11½	12	M	1.63 " "	Jan. 1890	a 11	12	M	1.35 " "
July 1868	c 11½	12	M	1.63 " "	July 1890	a 11	20	M	1.35 " "
Jan. 1869	c 11½	14	M	1.63 " "	Jan. 1891	a 11	22	M	1.35 " "
July 1869	c 11½	15	M	1.63 " "	July 1891	a 11	32	M	1.35 " "
Jan. 1870	c 11½	15	M	1.63 " "					

GROCERIES: ESTABLISHMENT No. 44, NEW HAMPSHIRE.

SALESMEN.

Jan. 1855	11	1	M	.75 per day.	July 1855	11	1	M	.75 per day.
	11	1	M	1.00 " "		11	1	M	1.00 " "
Average	11	2	M	.87½ " "	Average	11	2	M	.87½ " "

a On Saturday, 5 hours only. *b* On Saturday, 9 hours only. *c* On Saturday, 8½ hours only.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GROCERIES: ESTABLISHMENT No. 44, NEW HAMPSHIRE—Continued.

SALESMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1856	11	1	M	$0.75 per day.	July 1863	11	1	M	$1.50 per day.
	11	1	M	1.00 " "		11	1	M	1.75 " "
Average	11	2	M	.87½ " "	Average	11	2	M	1.62½ " "
July 1856	11	1	M	.75 " "	Jan. 1864	11	1	M	1.50 " "
	11	1	M	1.00 " "		11	1	M	1.75 " "
Average	11	2	M	.87½ " "	Average	11	2	M	1.62½ " "
Jan. 1857	11	1	M	.75 " "	July 1864	11	1	M	1.50 " "
	11	1	M	1.00 " "		11	1	M	1.75 " "
Average	11	2	M	.87½ " "	Average	11	2	M	1.62½ " "
July 1857	11	1	M	.75 " "	Jan. 1865	11	1	M	1.50 " "
	11	1	M	1.00 " "		11	1	M	1.75 " "
Average	11	2	M	.87½ " "	Average	11	2	M	1.62½ " "
Jan. 1858	11	1	M	.75 " "	July 1865	11	1	M	1.50 " "
	11	1	M	1.00 " "		11	1	M	1.75 " "
Average	11	2	M	.87½ " "	Average	11	2	M	1.62½ " "
July 1858	11	1	M	.75 " "	Jan. 1866	11	1	M	1.50 " "
	11	1	M	1.00 " "		11	1	M	1.75 " "
Average	11	2	M	.87½ " "	Average	11	2	M	1.62½ " "
Jan. 1859	11	1	M	.75 " "	July 1866	11	1	M	1.50 " "
	11	1	M	1.00 " "		11	1	M	1.75 " "
Average	11	2	M	.87½ " "	Average	11	2	M	1.62½ " "
July 1859	11	1	M	.75 " "	Jan. 1867	11	1	M	1.50 " "
	11	1	M	1.00 " "		11	1	M	1.75 " "
Average	11	2	M	.87½ " "	Average	11	2	M	1.62½ " "
Jan. 1860	11	1	M	.75 " "	July 1867	11	1	M	1.50 " "
	11	1	M	1.00 " "		11	1	M	1.75 " "
Average	11	2	M	.87½ " "	Average	11	2	M	1.62½ " "
July 1860	11	1	M	.75 " "	Jan. 1868	11	1	M	1.50 " "
	11	1	M	1.00 " "		11	1	M	1.75 " "
Average	11	2	M	.87½ " "	Average	11	2	M	1.62½ " "
Jan. 1861	11	1	M	.75 " "	July 1868	11	1	M	1.50 " "
	11	1	M	1.00 " "		11	1	M	1.75 " "
Average	11	2	M	.87½ " "	Average	11	2	M	1.62½ " "
July 1861	11	1	M	1.00 " "	Jan. 1869	11	1	M	1.50 " "
	11	1	M	1.25 " "		11	1	M	1.75 " "
Average	11	2	M	1.12½ " "	Average	11	2	M	1.62½ " "
Jan. 1862	11	1	M	1.25 " "	July 1869	11	1	M	1.50 " "
	11	1	M	1.50 " "		11	2	M	1.75 " "
Average	11	2	M	1.37½ " "	Average	11	3	M	1.66½ " "
July 1862	11	1	M	1.25 " "	Jan. 1870	11	1	M	1.25 " "
	11	1	M	1.50 " "		11	2	M	1.50 " "
Average	11	2	M	1.37½ " "	Average	11	3	M	1.41½ " "
Jan. 1863	11	1	M	1.50 " "	July 1870	11	1	M	1.25 " "
	11	1	M	1.75 " "		11	2	M	1.50 " "
Average	11	2	M	1.62½ " "	Average	11	3	M	1.41½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GROCERIES: ESTABLISHMENT No. 44, NEW HAMPSHIRE—Continued.

SALESMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1871	11	1	M	$1.25 per day.	July 1878	11	2	M	$1.50 per day.
	11	2	M	1.50 " "		11	2	M	1.75 " "
Average	11	3	M	1.41½ " "	Average	11	4	M	1.62½ " "
July 1871	11	1	M	1.25 " "	Jan. 1879	11	2	M	1.50 " "
	11	2	M	1.50 " "		11	2	M	1.75 " "
Average	11	3	M	1.41½ " "	Average	11	4	M	1.62½ " "
Jan. 1872	11	1	M	1.25 " "	July 1879	11	2	M	1.50 " "
	11	2	M	1.50 " "		11	2	M	1.75 " "
Average	11	3	M	1.41½ " "	Average	11	4	M	1.62½ " "
July 1872	11	1	M	1.25 " "	Jan. 1880	11	2	M	1.50 " "
	11	2	M	1.50 " "		11	2	M	1.75 " "
Average	11	3	M	1.41½ " "	Average	11	4	M	1.62½ " "
Jan. 1873	11	1	M	1.25 " "	July 1880	11	2	M	1.50 " "
	11	2	M	1.50 " "		11	2	M	1.75 " "
Average	11	3	M	1.41½ " "	Average	11	4	M	1.62½ " "
July 1873	11	1	M	1.25 " "	Jan. 1881	11	2	M	1.50 " "
	11	2	M	1.50 " "		11	2	M	1.75 " "
Average	11	3	M	1.41½ " "	Average	11	4	M	1.62½ " "
Jan. 1874	11	1	M	1.25 " "	July 1881	11	2	M	1.50 " "
	11	2	M	1.50 " "		11	2	M	1.75 " "
Average	11	3	M	1.41½ " "	Average	11	4	M	1.62½ " "
July 1874	11	1	M	1.25 " "	Jan. 1882	11	2	M	1.50 " "
	11	2	M	1.50 " "		11	2	M	1.75 " "
Average	11	3	M	1.41½ " "	Average	11	4	M	1.62½ " "
Jan. 1875	11	1	M	1.25 " "	July 1882	11	2	M	1.50 " "
	11	2	M	1.75 " "		11	2	M	1.75 " "
Average	11	3	M	1.58½ " "	Average	11	4	M	1.62½ " "
July 1875	11	1	M	1.50 " "	Jan. 1883	11	2	M	1.50 " "
	11	2	M	1.75 " "		11	2	M	1.75 " "
Average	11	3	M	1.66½ " "	Average	11	4	M	1.62½ " "
Jan. 1876	11	2	M	1.50 " "	July 1883	11	2	M	1.50 " "
	11	1	M	1.75 " "		11	2	M	1.75 " "
Average	11	3	M	1.58½ " "	Average	11	4	M	1.62½ " "
July 1876	11	2	M	1.50 " "	Jan. 1884	11	2	M	1.50 " "
	11	1	M	1.75 " "		11	2	M	1.75 " "
Average	11	3	M	1.58½ " "	Average	11	4	M	1.62½ " "
Jan. 1877	11	2	M	1.50 " "	July 1884	11	2	M	1.50 " "
	11	1	M	1.75 " "		11	2	M	1.75 " "
Average	11	3	M	1.58½ " "	Average	11	4	M	1.62½ " "
July 1877	11	2	M	1.50 " "	Jan. 1885	11	2	M	1.75 " "
	11	2	M	1.75 " "		11	2	M	2.33½ " "
Average	11	4	M	1.62½ " "	Average	11	4	M	2.04½ " "
Jan. 1878	11	2	M	1.50 " "	July 1885	11	2	M	1.75 " "
	11	2	M	1.75 " "		11	2	M	2.33½ " "
Average	11	4	M	1.62½ " "	Average	11	4	M	2.04½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

GROCERIES: ESTABLISHMENT No. 44, NEW HAMPSHIRE—Concluded.

SALESMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886	11	2	M	$1.75 per day.	Jan. 1889	11	2	M	$1.75 per day.
	11	2	M	2.33½ " "		11	2	M	2.33½ " "
Average	11	4	M	2.04½ " "	Average	11	4	M	2.04½ " "
July 1886	11	2	M	1.75 " "	July 1889	11	2	M	1.75 " "
	11	2	M	2.33½ " "		11	2	M	2.33½ " "
Average	11	4	M	2.04½ " "	Average	11	4	M	2.04½ " "
Jan. 1887	11	2	M	1.75 " "	Jan. 1890	11	2	M	1.75 " "
	11	2	M	2.33½ " "		11	2	M	2.33½ " "
Average	11	4	M	2.04½ " "	Average	11	4	M	2.04½ " "
July 1887	11	2	M	1.75 " "	July 1890	11	2	M	1.75 " "
	11	2	M	2.33½ " "		11	2	M	2.33½ " "
Average	11	4	M	2.04½ " "	Average	11	4	M	2.04½ " "
Jan. 1888	11	2	M	1.75 " "	Jan. 1891	11	2	M	1.75 " "
	11	2	M	2.33½ " "		11	2	M	2.33½ " "
Average	11	4	M	2.04½ " "	Average	11	4	M	2.04½ " "
July 1888	11	2	M	1.75 " "	July 1891	11	2	M	1.75 " "
	11	2	M	2.33½ " "		11	2	M	2.33½ " "
Average	11	4	M	2.04½ " "	Average	11	4	M	2.04½ " "

TEAMSTERS.

Jan. 1855	11	1	M	1.50 per day.	July 1873	11	2	M	2.00 per day.
July 1855	11	1	M	1.50 " "	Jan. 1874	11	2	M	2.00 " "
Jan. 1856	11	1	M	1.50 " "	July 1874	11	2	M	2.00 " "
July 1856	11	1	M	1.50 " "	Jan. 1875	11	2	M	2.00 " "
Jan. 1857	11	1	M	1.50 " "	July 1875	11	2	M	2.00 " "
July 1857	11	1	M	1.50 " "	Jan. 1876	11	2	M	2.00 " "
Jan. 1858	11	1	M	1.50 " "	July 1876	11	2	M	2.00 " "
July 1858	11	1	M	1.50 " "	Jan. 1877	11	2	M	2.00 " "
Jan. 1859	11	1	M	1.50 " "	July 1877	11	2	M	2.00 " "
July 1859	11	1	M	1.50 " "	Jan. 1878	11	2	M	2.00 " "
Jan. 1860	11	1	M	1.50 " "	July 1878	11	2	M	2.00 " "
July 1860	11	1	M	1.50 " "	Jan. 1879	11	2	M	2.00 " "
Jan. 1861	11	1	M	1.50 " "	July 1879	11	2	M	2.00 " "
July 1861	11	1	M	1.50 " "	Jan. 1880	11	2	M	2.00 " "
Jan. 1862	11	1	M	2.00 " "	July 1880	11	2	M	2.00 " "
July 1862	11	1	M	2.00 " "	Jan. 1881	11	2	M	2.00 " "
Jan. 1863	11	1	M	2.00 " "	July 1881	11	2	M	2.00 " "
July 1863	11	1	M	2.00 " "	Jan. 1882	11	2	M	2.00 " "
Jan. 1864	11	1	M	2.00 " "	July 1882	11	2	M	2.00 " "
July 1864	11	1	M	2.00 " "	Jan. 1883	11	2	M	2.00 " "
Jan. 1865	11	1	M	2.00 " "	July 1883	11	2	M	2.00 " "
July 1865	11	1	M	2.00 " "	Jan. 1884	11	2	M	2.00 " "
Jan. 1866	11	1	M	2.00 " "	July 1884	11	2	M	2.00 " "
July 1866	11	1	M	2.00 " "	Jan. 1885	11	2	M	2.33½ " "
Jan. 1867	11	1	M	2.00 " "	July 1885	11	2	M	2.33½ " "
July 1867	11	1	M	2.00 " "	Jan. 1886	11	2	M	2.33½ " "
Jan. 1868	11	1	M	2.00 " "	July 1886	11	2	M	2.33½ " "
July 1868	11	1	M	2.00 " "	Jan. 1887	11	2	M	2.33½ " "
Jan. 1869	11	1	M	2.00 " "	July 1887	11	2	M	2.33½ " "
July 1869	11	2	M	2.00 " "	Jan. 1888	11	2	M	2.33½ " "
Jan. 1870	11	2	M	2.00 " "	July 1888	11	2	M	2.33½ " "
July 1870	11	2	M	2.00 " "	Jan. 1889	11	2	M	2.33½ " "
Jan. 1871	11	2	M	2.00 " "	July 1889	11	2	M	2.33½ " "
July 1871	11	2	M	2.00 " "	Jan. 1890	11	2	M	2.33½ " "
Jan. 1872	11	2	M	2.00 " "	July 1890	11	2	M	2.33½ " "
July 1872	11	2	M	2.00 " "	Jan. 1891	11	2	M	2.33½ " "
Jan. 1873	11	2	M	2.00 " "	July 1891	11	3	M	2.33½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 45, MASSACHUSETTS.

RETORTMEN.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854	11	1	M	*a* $0.85½ per day.	Jan. 1864	11	1	M	*a* $0.98½ per day.
	11	2	M	*a* 1.18½ " "		11	1	M	*a* 1.23½ " "
Average	11	3	M	*a* 1.07½ " "	Average	11	2	M	*a* 1.11 " "
July 1854	11	1	M	*a*. 85½ " "	July 1864	11	1	M	*a* 1.28 " "
	11	2	M	*a* 1.18½ " "		11	1	M	*a* 1.31½ " "
Average	11	3	M	*a* 1.07½ " "	Average	11	2	M	*a* 1.29½ " "
Jan. 1855	11	2	M	*a* 1.18½ " "	Jan. 1865	11	2	M	*a* 1.31½ " "
July 1855	11	1	M	*a*. 82 " "	July 1865	11	1	M	*a* 1.31½ " "
	11	1	M	*a* 1.48 " "		11	1	M	*a* 1.48 " "
Average	11	2	M	*a* 1.15 " "	Average	11	2	M	*a* 1.39½ " "
Jan. 1856	11	1	M	*a*. 82 " "	Jan. 1866	11	1	M	*a*. 98½ " "
	11	1	M	*a* 1.48 " "		11	2	M	*a* 1.48 " "
Average	11	2	M	*a* 1.15 " "	Average	11	3	M	*a* 1.31½ " "
July 1856	11	2	M	*a*. 92 " "	July 1866	11	1	M	*a* 1.28 " "
Jan. 1857	11	2	M	*a*. 98½ " "		11	2	M	*a* 1.64½ " "
July 1857	11	1	M	*a*. 98½ " "	Average	11	3	M	*a* 1.52½ " "
	11	1	M	*a* 1.15 " "	Jan. 1867	11	1	M	*a* 1.28 " "
Average	11	2	M	*a* 1.06½ " "		11	2	M	*a* 1.64½ " "
Jan. 1858	11	2	M	*a*. 98½ " "	Average	11	3	M	*a* 1.52½ " "
July 1858	11	2	M	*a*. 98½ " "	July 1867	11	1	M	*a* 1.31½ " "
Jan. 1859	11	2	M	*a*. 98½ " "		11	2	M	*a* 1.64½ " "
July 1859	11	1	M	*a*. 82 " "	Average	11	3	M	*a* 1.53½ " "
	11	1	M	*a* 1.08½ " "	Jan. 1868	11	1	M	*a* 1.38 " "
Average	11	2	M	*a*. 95½ " "		11	2	M	*a* 1.64½ " "
Jan. 1860	11	1	M	*a*. 82 " "	Average	11	3	M	*a* 1.55½ " "
	11	1	M	*a* 1.08½ " "	July 1868	11	1	M	*a* 1.48 " "
Average	11	2	M	*a*. 95½ " "		11	2	M	*a* 1.64½ " "
July 1860	11	1	M	*a*. 85½ " "	Average	11	3	M	*a* 1.59 " "
	11	1	M	*a* 1.23½ " "	Jan. 1869	11	1	M	*a* 1.62½ " "
Average	11	2	M	*a* 1.04½ " "		11	2	M	*a* 1.64½ " "
Jan. 1861	11	1	M	*a*. 85½ " "	Average	11	3	M	*a* 1.61 " "
	11	1	M	*a* 1.23½ " "	July 1869	11	3	M	*a* 1.64½ " "
Average	11	2	M	*a* 1.04½ " "	Jan. 1870	11	4	M	*a* 1.64½ " "
July 1861	11	1	M	*a*. 85½ " "	July 1870	11	3	M	*a* 1.64½ " "
	11	1	M	*a* 1.23½ " "	Jan. 1871	11	3	M	*a* 1.64½ " "
Average	11	2	M	*a* 1.04½ " "	July 1871	11	4	M	*a* 1.64½ " "
Jan. 1862	11	1	M	*a*. 85½ " "	Jan. 1872	11	1	M	*a* 1.48 " "
	11	1	M	*a* 1.23½ " "		11	3	M	*a* 1.64½ " "
Average	11	2	M	*a* 1.04½ " "	Average	11	4	M	*a* 1.60½ " "
July 1862	11	1	M	*a*. 85½ " "	July 1872	11	1	M	*a* 1.48 " "
	11	1	M	*a* 1.23½ " "		11	3	M	*a* 1.64½ " "
Average	11	2	M	*a* 1.04½ " "	Average	11	4	M	*a* 1.60½ " "
Jan. 1863	11	1	M	*a*. 85½ " "	Jan. 1873	11	4	M	*a* 1.64½ " "
	11	1	M	*a* 1.23½ " "	July 1873	11	3	M	*a* 1.64½ " "
Average	11	2	M	*a* 1.04½ " "	Jan. 1874	11	4	M	*a* 1.64½ " "
July 1863	11	1	M	*a*. 85½ " "	July 1874	11	4	M	*a* 1.64½ " "
	11	1	M	*a* 1.23½ " "	Jan. 1875	11	4	M	*a* 1.64½ " "
Average	11	2	M	*a* 1.04½ " "	July 1875	11	4	M	*a* 1.64½ " "
					Jan. 1876	11	4	M	*a* 1.64½ " "
					July 1876	11	4	M	*a* 1.64½ " "
					Jan. 1877	11	4	M	*a* 1.64½ " "
Average	11	2	M	*a* 1.04½ " "	July 1877	11	4	M	*a* 1.64½ " "

a And fuel for family use.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 45, MASSACHUSETTS—Concluded.

RETORTMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878	11	4	M	a$1.64½ per day.
July 1878	11	4	M	a1.64½ " "
Jan. 1879	11	4	M	a1.64½ " "
July 1879	11	4	M	a1.64½ " "
Jan. 1880	11	1	M	a1.31½ " "
	11	4	M	a1.64½ " "
Average	11	5	M	a1.58 " "
July 1880	11	1	M	a1.31½ " "
	11	3	M	a1.64½ " "
Average	11	4	M	a1.56½ " "
Jan. 1881	11	1	M	a1.31½ " "
	11	3	M	a1.64½ " "
Average	11	4	M	a1.56½ " "
July 1881	11	1	M	a1.31½ " "
	11	3	M	a1.64½ " "
Average	11	4	M	a1.56½ " "
Jan. 1882	11	1	M	a1.31½ " "
	11	3	M	a1.64½ " "
Average	11	4	M	a1.56½ " "
July 1882	11	1	M	a1.31½ " "
	11	3	M	a1.64½ " "
Average	11	4	M	a1.56½ " "
Jan. 1883	11	1	M	a1.31½ " "
	11	3	M	a1.64½ " "
Average	11	4	M	a1.56½ " "
July 1883	11	1	M	a1.31½ " "
	11	3	M	a1.64½ " "
Average	11	4	M	a1.56½ " "
Jan. 1884	11	3	M	a1.31½ " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.48 " "
July 1884	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
Jan. 1885	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
July 1885	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
Jan. 1886	11	2	M	a$1.31½ per day.
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
July 1886	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
Jan. 1887	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
July 1887	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
Jan. 1888	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
July 1888	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
Jan. 1889	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
July 1889	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
Jan. 1890	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
July 1890	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
Jan. 1891	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "
July 1891	11	2	M	a1.31½ " "
	11	1	M	a1.48 " "
	11	3	M	a1.64½ " "
Average	11	6	M	a1.50½ " "

a And fuel for family use.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS.

COAL HANDLERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1856	10	3	M	$1.00 per day.	Jan. 1875	10	8	M	$2.00 per day.
Jan. 1857	10	2	M	1.00 " "	July 1875	10	6	M	2.00 " "
Jan. 1858	10	3	M	1.00 " "	Jan. 1876	10	4	M	1.83 " "
July 1858	10	2	M	1.00 " "	July 1876	10	5	M	1.50 " "
Jan. 1859	10	3	M	1.00 " "	Jan. 1877	10	3	M	1.50 " "
Jan. 1860	10	3	M	1.00 " "	July 1877	10	6	M	1.50 " "
Jan. 1861	10	4	M	1.00 " "	Jan. 1878	10	7	M	1.50 " "
July 1861	10	1	M	1.00 " "	July 1878	10	6	M	1.50 " "
Jan. 1862	10	2	M	1.00 " "	Jan. 1879	10	6	M	1.50 " "
July 1862	10	1	M	1.00 " "	July 1879	10	7	M	1.50 " "
Jan. 1863	10	2	M	1.00 " "	Jan. 1880	10	8	M	1.50 " "
					July 1880	10	16	M	1.50 " "
Jan. 1864	10	3	M	1.37½ " "	Jan. 1881	10	10	M	1.50 " "
	10	2	M	1.50 " "	July 1881	10	2	M	1.50 " "
					Jan. 1882	10	4	M	1.50 " "
Average	10	5	M	1.42½ " "	July 1882	10	6	M	1.66½ " "
					Jan. 1883	10	3	M	1.50 " "
July 1864	10	1	M	1.50 " "	July 1883	10	8	M	1.50 " "
Jan. 1865	10	1	M	1.50 " "	Jan. 1884	10	6	M	1.50 " "
Jan. 1866	10	2	M	1.50 " "	July 1884	10	8	M	1.50 " "
Jan. 1867	10	4	M	1.75 " "	Jan. 1885	10	6	M	1.50 " "
July 1867	10	1	M	1.75 " "	July 1885	10	9	M	1.50 " "
July 1868	10	3	M	2.00 " "	Jan. 1886	10	6	M	1.50 " "
Jan. 1869	10	3	M	2.00 " "	July 1886	10	10	M	1.50 " "
Jan. 1870	10	4	M	2.00 " "	Jan. 1887	10	6	M	1.50 " "
July 1870	10	4	M	2.00 " "	July 1887	10	9	M	1.50 " "
Jan. 1871	10	5	M	2.00 " "	Jan. 1888	10	7	M	1.50 " "
July 1871	10	6	M	2.00 " "	July 1888	10	2	M	1.50 " "
Jan. 1872	10	6	M	2.00 " "	Jan. 1889	10	9	M	1.50 " "
July 1872	10	6	M	2.25 " "	July 1889	10	5	M	1.50 " "
Jan. 1873	10	4	M	2.25 " "	Jan. 1890	10	6	M	1.50 " "
July 1873	10	7	M	2.25 " "	July 1890	10	4	M	1.50 " "
Jan. 1874	10	3	M	2.00 " "	Jan. 1891	10	11	M	1.50 " "
July 1874	10	5	M	2.00 " "	July 1891	10	7	M	1.50 " "

FIREMEN.

Jan. 1850	12	4	M	1.00 per day.	July 1868	12	11	M	2.00 per day.
July 1850	12	3	M	1.00 " "	Jan. 1869	12	19	M	2.00 " "
Jan. 1851	12	4	M	1.00 " "	July 1869	12	12	M	2.00 " "
July 1851	12	4	M	1.00 " "	Jan. 1870	12	15	M	2.00 " "
Jan. 1852	12	6	M	1.00 " "	July 1870	12	11	M	2.00 " "
July 1852	12	4	M	1.00 " "	Jan. 1871	12	18	M	2.00 " "
Jan. 1853	12	6	M	1.00 " "	July 1871	12	12	M	2.00 " "
July 1853	12	4	M	1.00 " "	Jan. 1872	12	23	M	2.00 " "
Jan. 1854	12	5	M	1.00 " "	July 1872	12	14	M	2.25 " "
July 1854	12	4	M	1.00 " "	Jan. 1873	12	24	M	2.25 " "
Jan. 1855	12	7	M	1.00 " "	July 1873	12	20	M	2.25 " "
July 1855	12	6	M	1.00 " "	Jan. 1874	12	30	M	2.25 " "
Jan. 1856	12	7	M	1.00 " "					
July 1856	12	7	M	1.00 " "	July 1874	12	3	M	1.83½ " "
Jan. 1857	12	7	M	1.00 " "		12	6	M	2.00 " "
July 1857	12	7	M	1.00 " "		12	8	M	2.15 " "
Jan. 1858	12	8	M	1.00 " "					
July 1858	12	6	M	1.00 " "	Average	12	17	M	2.04 " "
Jan. 1859	12	8	M	1.00 " "					
July 1859	12	5	M	1.00 " "	Jan. 1875	12	3	M	1.83½ " "
Jan. 1860	12	7	M	1.00 " "		12	15	M	2.00 " "
July 1860	12	6	M	1.00 " "		12	8	M	2.15 " "
Jan. 1861	12	7	M	1.00 " "					
July 1861	12	6	M	1.00 " "	Average	12	26	M	2.02½ " "
Jan. 1862	12	12	M	1.00 " "					
July 1862	12	10	M	1.12½ " "					
Jan. 1863	12	14	M	1.12½ " "	July 1875	12	7	M	1.80 " "
July 1863	12	9	M	1.37 " "		12	11	M	2.00 " "
Jan. 1864	12	14	M	1.37 " "		12	3	M	2.15 " "
July 1864	12	10	M	1.75 " "					
Jan. 1865	12	15	M	1.75 " "	Average	12	21	M	1.95½ " "
July 1865	12	8	M	1.75 " "					
Jan. 1866	12	11	M	1.75 " "	Jan. 1876	12	6	M	1.80 " "
July 1866	12	9	M	2.00 " "		12	12	M	2.00 " "
Jan. 1867	12	15	M	2.00 " "		12	3	M	2.15 " "
July 1867	12	10	M	2.00 " "					
Jan. 1868	12	14	M	2.00 " "	Average	12	21	M	1.96½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS—Continued.

FIREMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1876	12	8	M	$1.66½ per day.
	12	3	M	2.00 " "
	12	2	M	2.15 " "
Average	12	13	M	1.81½ " "
Jan. 1877	12	13	M	1.66½ " "
	12	3	M	2.00 " "
	12	2	M	2.15 " "
Average	12	18	M	1.77½ " "
July 1877	12	10	M	1.66½ " "
	12	3	M	2.00 " "
	12	1	M	2.15 " "
Average	12	14	M	1.77 " "
Jan. 1878	12	6	M	1.66½ " "
	12	3	M	2.00 " "
Average	12	9	M	1.77½ " "
July 1878	12	13	M	1.66½ " "
	12	2	M	2.00 " "
Average	12	15	M	1.71 " "
Jan. 1879	12	14	M	1.66½ " "
	12	2	M	2.00 " "
Average	12	16	M	1.70½ " "
July 1879	12	8	M	1.66½ " "
	12	2	M	2.00 " "
Average	12	10	M	1.73 " "
Jan. 1880	12	14	M	1.66½ " "
July 1880	12	9	M	1.66½ " "
Jan. 1881	12	14	M	1.66½ " "
July 1881	12	7	M	1.66½ " "
Jan. 1882	12	10	M	$1.83½ per day.
	12	3	M	2.00 " "
Average	12	13	M	1.87½ " "
July 1882	12	5	M	1.83½ " "
	12	4	M	2.00 " "
Average	12	9	M	1.91 " "
Jan. 1883	12	12	M	1.83½ " "
	12	3	M	2.00 " "
Average	12	15	M	1.87 " "
July 1883	12	8	M	1.83½ " "
	12	3	M	2.00 " "
Average	12	11	M	1.88 " "
Jan. 1884	12	14	M	1.83½ " "
	12	3	M	2.00 " "
Average	12	17	M	1.86½ " "
July 1884	12	8	M	1.83½ " "
Jan. 1885	12	15	M	1.83½ " "
July 1885	12	15	M	1.83½ " "
Jan. 1886	12	11	M	1.83½ " "
July 1886	12	9	M	1.83½ " "
Jan. 1887	12	15	M	1.83½ " "
July 1887	12	8	M	1.83½ " "
Jan. 1888	12	12	M	1.83½ " "
July 1888	12	8	M	1.83½ " "
Jan. 1889	12	14	M	1.83½ " "
July 1889	12	9	M	1.83½ " "
Jan. 1890	12	14	M	1.83½ " "
July 1890	12	12	M	1.83½ " "
Jan. 1891	12	21	M	1.83½ " "
July 1891	12	13	M	1.83½ " "

FOREMEN, FIREMEN.

Jan. 1869	12	1	M	2.50 per day.
July 1869	12	1	M	2.50 " "
Jan. 1870	12	1	M	2.50 " "
July 1870	12	1	M	2.50 " "
Jan. 1871	12	1	M	2.50 " "
July 1871	12	1	M	2.50 " "
Jan. 1872	12	1	M	2.50 " "
July 1872	12	1	M	2.50 " "
Jan. 1873	12	2	M	2.50 " "
July 1873	12	2	M	2.50 " "
Jan. 1874	12	1	M	3.00 " "
July 1874	12	2	M	3.00 " "
Jan. 1875	12	2	M	3.00 " "
July 1875	12	2	M	2.25 " "
Jan. 1876	12	2	M	2.25 " "
July 1876	12	2	M	2.25 " "
Jan. 1877	12	2	M	2.25 " "
July 1877	12	2	M	2.25 " "
Jan. 1878	12	1	M	2.15 " "
July 1878	12	2	M	2.15 " "
Jan. 1879	12	2	M	2.00 " "
July 1879	12	2	M	2.00 " "
Jan. 1880	12	2	M	2.00 " "
July 1880	12	2	M	2.00 " "
Jan. 1881	12	2	M	2.00 " "
July 1881	12	2	M	2.00 " "
Jan. 1882	12	2	M	2.17 per day.
July 1882	12	2	M	2.17 " "
Jan. 1883	12	2	M	2.17 " "
July 1883	12	2	M	2.17 " "
Jan. 1884	12	2	M	2.17 " "
July 1884	12	2	M	2.17 " "
Jan. 1885	12	2	M	2.17 " "
July 1885	12	2	M	2.17 " "
Jan. 1886	12	2	M	2.17 " "
July 1886	12	2	M	2.17 " "
Jan. 1887	12	1	M	2.17 " "
July 1887	12	2	M	2.17 " "
Jan. 1888	12	2	M	2.17 " "
July 1888	12	1	M	2.17 " "
Jan. 1889	12	2	M	2.17 " "
July 1889	12	1	M	2.13 " "
	12	1	M	2.17 " "
Average	12	2	M	2.15 " "
Jan. 1890	12	2	M	2.17 " "
July 1890	12	2	M	2.17 " "
Jan. 1891	12	2	M	2.17 " "
July 1891	12	2	M	2.17 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS—Continued.

FOREMEN, LABORERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868	10	1	M	$2.00 per day.	July 1880	10	1	M	$2.00 per day.
Jan. 1869	10	1	M	2.00 " "	Jan. 1881	10	2	M	2.00 " "
July 1869	10	1	M	2.00 " "	July 1881	10	1	M	2.00 " "
Jan. 1870	10	1	M	2.00 " "	Jan. 1882	10	1	M	2.00 " "
July 1870	10	1	M	2.00 " "	July 1882	10	1	M	2.00 " "
Jan. 1871	10	1	M	2.00 " "	Jan. 1883	10	1	M	2.00 " "
July 1871	10	3	M	2.00 " "	July 1883	10	1	M	2.00 " "
Jan. 1872	10	1	M	2.25 " "	Jan. 1884	10	1	M	2.00 " "
July 1872	10	2	M	2.25 " "	July 1884	10	1	M	2.00 " "
Jan. 1873	10	1	M	2.25 " "	Jan. 1885	10	1	M	2.00 " "
July 1873	10	3	M	2.25 " "	July 1885	10	1	M	2.00 " "
Jan. 1874	10	1	M	2.25 " "	Jan. 1886	10	1	M	2.00 " "
July 1874	10	1	M	2.25 " "	July 1886	10	1	M	2.00 " "
Jan. 1875	10	1	M	2.25 " "	Jan. 1887	10	1	M	2.00 " "
July 1875	10	2	M	2.25 " "	July 1887	10	1	M	2.00 " "
Jan. 1876	10	1	M	2.17 " "	Jan. 1888	10	1	M	2.00 " "
July 1876	10	2	M	1.83 " "	July 1888	10	1	M	2.00 " "
Jan. 1877	10	1	M	1.75 " "	Jan. 1889	10	1	M	2.00 " "
July 1877	10	2	M	1.75 " "	July 1889	10	1	M	2.00 " "
Jan. 1878	10	2	M	1.75 " "	Jan. 1890	10	1	M	2.00 " "
July 1878	10	1	M	2.00 " "	July 1890	10	1	M	2.00 " "
Jan. 1879	10	1	M	2.00 " "	Jan. 1891	10	1	M	2.00 " "
July 1879	10	1	M	2.00 " "	July 1891	10	1	M	2.00 " "
Jan. 1880	10	1	M	2.00 " "					

FOREMEN, METERMEN.

Jan. 1874	10	1	M	2.87½ per day.	July 1879	10	1	M	2.00 per day.
July 1874	10	1	M	2.87½ " "		10	1	M	2.30 " "
Jan. 1875	10	1	M	2.87½ " "	Average	10	2	M	2.15 " "
July 1875	10	1	M	2.87½ " "					
Jan. 1876	10	1	M	2.87½ " "	Jan. 1880	10	1	M	2.00 " "
July 1876	10	1	M	2.49 " "	July 1880	10	1	M	2.00 " "
Jan. 1877	10	1	M	2.25 " "	Jan. 1881	10	1	M	2.00 " "
	10	1	M	2.49 " "	Jan. 1882	10	1	M	2.00 " "
					July 1882	10	1	M	2.00 " "
Average	10	2	M	2.37 " "	Jan. 1883	10	2	M	2.00 " "
					July 1883	10	1	M	2.17 " "
July 1877	10	1	M	2.00 " "	Jan. 1884	10	1	M	2.17 " "
	10	1	M	2.49 " "	July 1884	10	1	M	2.17 " "
					Jan. 1885	10	1	M	2.17 " "
Average	10	2	M	2.24½ " "	July 1885	10	1	M	2.17 " "
					Jan. 1886	10	1	M	2.17 " "
Jan. 1878	10	1	M	2.00 " "	July 1886	10	1	M	2.17 " "
	10	1	M	2.49 " "	Jan. 1887	10	1	M	2.25 " "
					July 1887	10	1	M	2.25 " "
Average	10	2	M	2.24½ " "	Jan. 1888	10	1	M	2.25 " "
					July 1888	10	1	M	2.25 " "
July 1878	10	1	M	2.00 " "	Jan. 1889	10	1	M	2.50 " "
	10	1	M	2.30 " "	July 1889	10	1	M	2.50 " "
					Jan. 1890	10	1	M	2.50 " "
Average	10	2	M	2.15 " "	July 1890	10	1	M	2.50 " "
					Jan. 1891	10	1	M	2.25 " "
Jan. 1879	10	1	M	2.00 " "	July 1891	10	2	M	2.25 " "
	10	1	M	2.30 " "					
Average	10	2	M	2.15 " "					

FOREMEN, YARD.

Jan. 1868	10	1	M	2.00 per day.	July 1872	10	1	M	2.00 per day.
July 1868	10	1	M	2.00 " "	Jan. 1873	10	1	M	2.00 " "
Jan. 1869	10	1	M	2.00 " "	July 1873	10	1	M	2.00 " "
July 1869	10	1	M	2.00 " "	Jan. 1874	10	1	M	2.00 " "
Jan. 1870	10	1	M	2.00 " "	July 1874	10	1	M	2.00 " "
July 1870	10	1	M	2.00 " "	Jan. 1875	10	1	M	2.00 " "
Jan. 1871	10	1	M	2.00 " "	July 1875	10	1	M	2.00 " "
July 1871	10	1	M	2.00 " "	Jan. 1876	10	1	M	2.00 " "
Jan. 1872	10	1	M	2.00 " "	July 1876	10	1	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS—Continued.

FOREMEN, YARD—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1877	10	1	M	$2.00 per day.	Jan. 1886	10	2	M	$2.00 per day.
July 1877	10	1	M	2.00 " "	July 1886	10	3	M	2.00 " "
Jan. 1878	10	1	M	2.00 " "	Jan. 1887	10	2	M	2.00 " "
July 1878	10	1	M	2.00 " "	July 1887	10	2	M	2.00 " "
Jan. 1879	10	1	M	2.00 " "					
July 1879	10	1	M	2.00 " "	Jan. 1888	10	2	M	2.00 " "
Jan. 1880	10	1	M	2.00 " "		10	1	M	2.50 " "
July 1880	10	1	M	2.00 " "					
Jan. 1881	10	1	M	2.00 " "	Average	10	3	M	2.16½ " "
July 1881	10	1	M	2.00 " "					
Jan. 1882	10	1	M	2.00 " "	July 1888	10	2	M	2.00 " "
July 1882	10	1	M	2.00 " "	Jan. 1889	10	2	M	2.00 " "
Jan. 1883	10	1	M	2.00 " "	July 1889	10	2	M	2.00 " "
July 1883	10	1	M	2.00 " "	Jan. 1890	10	1	M	2.00 " "
Jan. 1884	10	1	M	2.00 " "					
					July 1890	10	1	M	2.00 " "
July 1884	10	1	M	2.00 " "		10	1	M	2.30 " "
	10	1	M	2.25 " "					
					Average	10	2	M	2.15 " "
Average	10	2	M	2.12½ " "					
					Jan. 1891	10	1	M	2.00 " "
Jan. 1885	10	2	M	2.00 " "	July 1891	10	1	M	2.00 " "
July 1885	10	1	M	2.00 " "					

LABORERS, RETORT HOUSE.

Jan. 1869	12	4	M	2.00 per day.	July 1880	12	12	M	1.66⅔ per day.
July 1869	12	3	M	2.00 " "	Jan. 1881	12	3	M	1.66⅔ " "
Jan. 1870	12	4	M	2.00 " "	July 1881	12	2	M	1.83⅓ " "
July 1870	12	3	M	2.00 " "	Jan. 1882	12	2	M	1.83⅓ " "
Jan. 1871	12	3	M	2.00 " "	July 1882	12	2	M	1.83⅓ " "
July 1871	12	3	M	2.00 " "	Jan. 1883	12	3	M	1.83⅓ " "
Jan. 1872	12	2	M	2.25 " "	July 1883	12	3	M	1.83½ " "
July 1872	12	2	M	2.25 " "	Jan. 1884	12	2	M	1.83⅓ " "
Jan. 1873	12	4	M	2.25 " "	July 1884	12	2	M	1.83½ " "
July 1873	12	2	M	2.25 " "	Jan. 1885	12	2	M	1.83½ " "
Jan. 1874	12	2	M	2.00 " "	July 1885	12	2	M	1.83⅓ " "
July 1874	12	2	M	2.00 " "	Jan. 1886	12	2	M	1.83⅓ " "
Jan. 1875	12	5	M	2.00 " "	July 1886	12	2	M	1.83½ " "
July 1875	12	3	M	2.00 " "	Jan. 1887	12	3	M	1.83½ " "
Jan. 1876	12	3	M	1.83 " "	July 1887	12	2	M	1.83½ " "
July 1876	12	3	M	1.75 " "	Jan. 1888	12	3	M	1.83½ " "
Jan. 1877	12	3	M	1.66⅔ " "	July 1888	12	18	M	1.83½ " "
July 1877	12	3	M	1.66⅔ " "	Jan. 1889	12	3	M	1.83⅓ " "
Jan. 1878	12	3	M	1.66⅔ " "	July 1889	12	2	M	1.83½ " "
July 1878	12	3	M	1.66⅔ " "	Jan. 1890	12	3	M	1.83½ " "
Jan. 1879	12	2	M	1.50 " "	July 1890	12	2	M	1.83½ " "
July 1879	12	3	M	1.50 " "	Jan. 1891	12	4	M	1.83⅓ " "
Jan. 1880	12	2	M	1.50 " "	July 1891	12	5	M	1.83½ " "

LABORERS, STREET.

Jan. 1850	10	2	M	.87½ per day.	July 1859	10	7	M	1.00 per day.
July 1850	10	3	M	.85 " "	Jan. 1860	10	3	M	1.00 " "
Jan. 1851	10	2	M	.87½ " "	July 1860	10	12	M	1.00 " "
July 1851	10	6	M	.85 " "	July 1861	10	8	M	1.00 " "
Jan. 1852	10	2	M	.87½ " "	Jan. 1862	10	2	M	1.08½ " "
July 1852	10	2	M	.85 " "	July 1862	10	6	M	1.00 " "
Jan. 1853	10	2	M	.87½ " "	July 1863	10	5	M	1.10 " "
July 1853	10	6	M	.85 " "	July 1864	10	6	M	1.25 " "
Jan. 1854	10	6	M	.87½ " "	Jan. 1865	10	2	M	1.25 " "
July 1854	10	6	M	.87½ " "	July 1865	10	4	M	1.25 " "
Jan. 1855	10	2	M	.87½ " "	July 1866	10	4	M	1.50 " "
July 1855	10	5	M	.87½ " "	July 1867	10	3	M	1.50 " "
Jan. 1856	10	3	M	1.00 " "					
July 1856	10	4	M	.87½ " "	July 1868	10	1	M	1.25 " "
Jan. 1857	10	1	M	.87½ " "		10	2	M	1.50 " "
July 1857	10	2	M	.87½ " "		10	20	M	1.75 " "
Jan. 1858	10	1	M	.87½ " "					
July 1858	10	5	M	1.00 " "	Average	10	23	M	1.70½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS—Continued.

LABORERS, STREET—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1869	10	2	M	$1.25 per day.	Jan. 1877	10	2	M	$1.50 per day.
	10	10	M	1.75 " "		10	6	M	1.66½ " "
Average	10	12	M	1.66½ " "	Average	10	8	M	1.62½ " "
Jan. 1870	10	1	M	1.50 " "	July 1877	10	11	M	1.25 " "
	10	1	M	1.75 " "	Jan. 1878	10	6	M	1.25 " "
					July 1878	10	7	M	1.25 " "
Average	10	2	M	1.62½ " "	Jan. 1879	10	6	M	1.25 " "
					July 1879	10	3	M	1.25 " "
July 1870	10	2	M	1.50 " "	Jan. 1880	10	3	M	1.25 " "
	10	8	M	1.75 " "	July 1880	10	2	M	1.25 " "
					Jan. 1881	10	6	M	1.25 " "
Average	10	10	M	1.70 " "	July 1881	10	6	M	1.50 " "
					Jan. 1882	10	4	M	1.50 " "
Jan. 1871	10	1	M	1.50 " "	July 1882	10	3	M	1.50 " "
	10	5	M	1.75 " "	Jan. 1883	10	2	M	1.50 " "
					July 1883	10	3	M	1.50 " "
Average	10	6	M	1.71 " "	Jan. 1884	10	3	M	1.50 " "
					July 1884	10	8	M	1.50 " "
July 1871	10	13	M	1.75 " "	Jan. 1885	10	5	M	1.50 " "
					July 1885	10	7	M	1.50 " "
Jan. 1872	10	14	M	1.75 " "	Jan. 1886	10	3	M	1.50 " "
July 1872	10	15	M	2.00 " "	July 1886	10	9	M	1.50 " "
Jan. 1873	10	9	M	2.00 " "	Jan. 1887	10	9	M	1.50 " "
July 1873	10	7	M	2.00 " "	July 1887	10	6	M	1.50 " "
Jan. 1874	10	3	M	2.00 " "	Jan. 1888	10	6	M	1.50 " "
July 1874	10	6	M	1.75 " "	July 1888	10	32	M	1.50 " "
Jan. 1875	10	6	M	1.75 " "	Jan. 1889	10	1	M	1.50 " "
July 1875	10	21	M	1.50 " "	July 1889	10	7	M	1.50 " "
					Jan. 1890	10	7	M	1.50 " "
Jan. 1876	10	3	M	1.50 " "	July 1890	10	6	M	1.65 " "
	10	11	M	1.66½ " "	Jan. 1891	10	3	M	1.65 " "
Average	10	14	M	1.63 " "	July 1891	10	11	M	1.50 " "
						10	9	M	1.65 " "
July 1876	10	2	M	1.35 " "					
	10	6	M	1.50 " "	Average	10	20	M	1.56½ " "
Average	10	8	M	1.46½ " "					

METERMEN.

July 1873	10	1	M	2.25 per day.	July 1883	10	2	M	1.65 per day.
Jan. 1875	10	2	M	2.25 " "	Jan. 1884	10	2	M	1.65 " "
July 1875	10	2	M	2.17 " "	July 1884	10	1	M	1.65 " "
Jan. 1876	10	1	M	2.17 " "	Jan. 1885	10	1	M	1.33½ " "
July 1876	10	2	M	1.83 " "	July 1885	10	1	M	1.33½ " "
Jan. 1877	10	1	M	1.83 " "	Jan. 1886	10	1	M	1.45 " "
July 1877	10	1	M	1.66½ " "	July 1886	10	1	M	1.50 " "
Jan. 1878	10	1	M	1.50 " "	Jan. 1887	10	1	M	1.65 " "
July 1878	10	1	M	1.50 " "	July 1887	10	1	M	1.65 " "
Jan. 1879	10	1	M	1.50 " "	Jan. 1888	10	1	M	1.65 " "
July 1879	10	2	M	1.50 " "	July 1888	10	1	M	1.65 " "
Jan. 1880	10	3	M	1.50 " "	Jan. 1889	10	2	M	1.75 " "
July 1880	10	3	M	1.50 " "	July 1889	10	1	M	1.75 " "
Jan. 1881	10	3	M	1.50 " "	Jan. 1890	10	1	M	1.75 " "
July 1881	10	2	M	1.50 " "	July 1890	10	1	M	1.75 " "
Jan. 1882	10	2	M	1.50 " "	Jan. 1891	10	1	M	1.50 " "
July 1882	10	2	M	1.75 " "	July 1891	10	1	M	1.50 " "
Jan. 1883	10	2	M	1.65 " "					

TEAMSTERS.

Jan. 1876	10	1	M	2.11 per day.	Jan. 1879	10	1	M	2.11 per day.
July 1876	10	1	M	2.11 " "	July 1879	10	1	M	1.91½ " "
Jan. 1877	10	1	M	2.11 " "	Jan. 1880	10	1	M	1.91½ " "
July 1877	10	1	M	2.11 " "	July 1880	10	1	M	1.91½ " "
Jan. 1878	10	1	M	2.11 " "	Jan. 1881	10	1	M	1.91½ " "
July 1878	10	1	M	2.11 " "	July 1881	10	1	M	1.91½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS—Concluded.

TEAMSTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	10	1	M	$2.11 per day.	Jan. 1886	10	1	M	$1.65 per day.
July 1882	10	1	M	2.11 " "	July 1886	10	1	M	1.65 " "
Jan. 1883	10	1	M	2.11 " "	Jan. 1887	10	1	M	1.65 " "
July 1883	10	1	M	2.11 " "	July 1887	10	1	M	1.65 " "
Jan. 1884	10	1	M	2.11 " "	Jan. 1888	10	1	M	1.65 " "
July 1884	10	2	M	1.65 " "	July 1888	10	2	M	1.65 " "
Jan. 1885	10	1	M	1.65 " "	Jan. 1889	10	3	M	1.65 " "
					July 1889	10	2	M	1.65 " "
July 1885	10	1	M	1.50 " "	Jan. 1890	10	1	M	1.65 " "
	10	1	M	1.65 " "	July 1890	10	2	M	1.65 " "
					Jan. 1891	10	2	M	1.65 " "
Average	10	2	M	1.57½ " "	July 1891	10	5	M	1.65 " "

YARD HANDS.

Jan. 1879	10	3	M	1.50 per day.	Jan. 1887	10	6	M	1.50 per day.
July 1879	10	6	M	1.50 " "		10	2	M	1.65 " "
Jan. 1880	10	4	M	1.50 " "					
July 1880	10	3	M	1.50 " "	Average	10	8	M	1.53½ " "
Jan. 1881	10	4	M	1.50 " "					
July 1881	10	2	M	1.50 " "	July 1887	10	2	M	1.50 " "
Jan. 1882	10	3	M	1.50 " "		10	1	M	1.65 " "
July 1882	10	2	M	1.66⅔ " "					
Jan. 1883	10	2	M	1.66⅔ " "	Average	10	3	M	1.55 " "
July 1883	10	3	M	1.66⅔ " "					
Jan. 1884	10	4	M	1.50 " "	Jan. 1888	10	1	M	1.50 " "
July 1884	10	7	M	1.50 " "		10	4	M	1.65 " "
Jan. 1885	10	2	M	1.50 " "					
					Average	10	5	M	1.62 " "
July 1885	10	7	M	1.50 " "					
	10	1	M	1.65 " "	July 1888	10	1	M	1.50 " "
						10	1	M	1.65 " "
Average	10	8	M	1.52 " "					
					Average	10	2	M	1.57½ " "
Jan. 1886	10	1	M	1.50 " "					
	10	1	M	1.65 " "	Jan. 1889	10	4	M	1.65 " "
					July 1889	10	2	M	1.50 " "
Average	10	2	M	1.57½ " "	Jan. 1890	10	5	M	1.50 " "
					July 1890	10	7	M	1.50 " "
July 1886	10	1	M	1.50 " "	Jan. 1891	10	4	M	1.50 " "
	10	1	M	1.65 " "	July 1891	10	4	M	1.50 " "
Average	10	2	M	1.57½ " "					

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK.

BLACKSMITHS.

Jan. 1840	10	1	M	1.75 per day.	Jan. 1851	10	1	M	1.75 per day.
July 1840	10	1	M	1.75 " "	July 1851	10	3	M	1.50 " "
Jan. 1841	10	1	M	1.75 " "	Jan. 1852	10	3	M	1.50 " "
July 1841	10	1	M	1.75 " "	July 1852	10	2	M	1.50 " "
Jan. 1842	10	1	M	1.75 " "	Jan. 1853	10	3	M	1.50 " "
July 1842	10	1	M	1.75 " "	July 1853	10	2	M	1.75 " "
Jan. 1843	10	1	M	1.50 " "					
July 1843	10	1	M	1.50 " "	Jan. 1854	10	2	M	1.50 " "
Jan. 1844	10	1	M	1.50 " "		10	1	M	1.75 " "
July 1844	10	1	M	1.50 " "					
Jan. 1845	10	1	M	1.62½ " "	Average	10	3	M	1.58⅓ " "
July 1845	10	1	M	1.62½ " "					
Jan. 1846	10	1	M	1.62½ " "	July 1854	10	1	M	1.50 " "
July 1846	10	1	M	1.62½ " "		10	1	M	2.00 " "
Jan. 1847	10	1	M	1.75 " "					
July 1847	10	1	M	1.75 " "	Average	10	2	M	1.75 " "
Jan. 1848	10	1	M	1.75 " "					
July 1848	10	1	M	1.75 " "	Jan. 1855	10	1	M	1.75 " "
Jan. 1849	10	1	M	1.75 " "		10	1	M	2.00 " "
July 1849	10	1	M	1.75 " "					
Jan. 1850	10	1	M	1.75 " "	Average	10	2	M	1.87½ " "
July 1850	10	1	M	1.75 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

BLACKSMITHS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1855	10	2	M	$1.75 per day.
	10	1	M	2.00 " "
Average	10	3	M	1.83½ " "
Jan. 1856	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.83½ " "
July 1856	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.83½ " "
Jan. 1857	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.83½ " "
July 1857	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.83½ " "
Jan. 1858	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	4	M	2.00 " "
July 1858	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	4	M	2.00 " "
Jan. 1859	10	3	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	3.00 " "
Average	10	5	M	2.05 " "
July 1859	10	4	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	3.00 " "
Average	10	6	M	2.00 " "
Jan. 1860	10	5	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	3.00 " "
Average	10	7	M	1.96½ " "
July 1860	10	6	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	3.00 " "
Average	10	8	M	1.93½ " "
Jan. 1861	10	8	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	3.00 " "
Average	10	10	M	1.90 " "
July 1861	10	8	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	3.00 " "
Average	10	10	M	1.90 " "
Jan. 1862	10	8	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	3.00 " "
Average	10	10	M	1.90 " "
July 1862	10	7	M	$1.75 per day.
	10	1	M	2.00 " "
	10	1	M	3.00 " "
Average	10	9	M	1.91½ " "
Jan. 1863	10	3	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	3.00 " "
Average	10	6	M	2.04 " "
July 1863	10	5	M	2.50 " "
	10	1	M	4.00 " "
Average	10	6	M	2.75 " "
Jan. 1864	10	2	M	2.00 " "
	10	4	M	2.25 " "
	10	1	M	4.00 " "
Average	10	7	M	2.43 " "
July 1864	10	5	M	2.50 " "
	10	1	M	4.00 " "
Average	10	6	M	2.75 " "
Jan. 1865	10	5	M	2.75 " "
	10	1	M	4.00 " "
Average	10	6	M	2.96 " "
July 1865	10	5	M	2.75 " "
	10	1	M	4.00 " "
Average	10	6	M	2.96 " "
Jan. 1866	10	5	M	2.75 " "
	10	1	M	4.00 " "
Average	10	6	M	2.96 " "
July 1866	10	4	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	4.00 " "
Average	10	6	M	3.00 " "
Jan. 1867	10	4	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	4.00 " "
Average	10	6	M	3.00 " "
July 1867	10	4	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	4.00 " "
Average	10	6	M	3.21 " "
Jan. 1868	10	4	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	4.00 " "
Average	10	6	M	3.21 " "
Jnly 1868	10	4	M	3.00 " "
	10	1	M	3.50 " "
Average	10	5	M	3.10 " "
Jan. 1869	10	4	M	3.00 " "
	10	1	M	3.50 " "
Average	10	5	M	3.10 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

BLACKSMITHS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1869	10	4	M	$3.00 per day.
	10	1	M	3.50 " "
Average	10	5	M	3.10 " "
Jan. 1870	10	4	M	3.00 " "
	10	1	M	3.50 " "
Average	10	5	M	3.10 " "
July 1870	10	4	M	3.00 " "
	10	1	M	3.50 " "
Average	10	5	M	3.10 " "
Jan. 1871	10	4	M	3.00 " "
	10	1	M	3.50 " "
Average	10	5	M	3.10 " "
July 1871	10	4	M	3.00 " "
	10	1	M	3.50 " "
Average	10	5	M	3.10 " "
Jan. 1872	10	4	M	3.00 " "
	10	1	M	3.50 " "
Average	10	5	M	3.10 " "
July 1872	10	4	M	3.50 " "
	10	1	M	4.00 " "
Average	10	5	M	3.60 " "
Jan. 1873	10	4	M	3.50 " "
	10	1	M	4.00 " "
Average	10	5	M	3.60 " "
July 1873	10	6	M	3.50 " "
	10	1	M	4.00 " "
Average	10	7	M	3.57 " "
Jan. 1874	10	6	M	3.50 " "
	10	1	M	4.00 " "
Average	10	7	M	3.57 " "
July 1874	10	6	M	3.50 " "
	10	1	M	4.00 " "
Average	10	7	M	3.57 " "
Jan. 1875	10	6	M	3.50 " "
	10	1	M	4.00 " "
Average	10	7	M	3.57 " "
July 1875	10	6	M	3.50 " "
	10	1	M	4.00 " "
Average	10	7	M	3.57 " "
Jan. 1876	10	6	M	3.50 " "
	10	1	M	4.00 " "
Average	10	7	M	3.57 " "
July 1876	10	6	M	3.50 " "
	10	1	M	4.00 " "
Average	10	7	M	3.57 " "
Jan. 1877	10	4	M	$3.50 per day.
	10	1	M	4.00 " "
Average	10	5	M	3.60 " "
July 1877	10	4	M	3.50 " "
	10	1	M	4.00 " "
Average	10	5	M	3.60 " "
Jan. 1878	10	4	M	3.50 " "
	10	1	M	4.00 " "
Average	10	5	M	3.60 " "
July 1878	10	4	M	2.75 " "
	10	1	M	3.50 " "
Average	10	5	M	2.90 " "
Jan. 1879	10	4	M	2.75 " "
	10	1	M	3.50 " "
Average	10	5	M	2.90 " "
July 1879	10	3	M	2.50 " "
	10	1	M	3.00 " "
Average	10	4	M	2.62½ " "
Jan. 1880	10	4	M	2.50 " "
	10	1	M	3.00 " "
Average	10	5	M	2.60 " "
July 1880	10	4	M	2.50 " "
	10	1	M	3.00 " "
Average	10	5	M	2.60 " "
Jan. 1881	10	4	M	2.50 " "
	10	1	M	3.00 " "
Average	10	5	M	2.60 " "
July 1881	10	4	M	2.50 " "
	10	1	M	3.00 " "
Average	10	5	M	2.60 " "
Jan. 1882	10	6	M	2.50 " "
	10	1	M	3.00 " "
Average	10	7	M	2.57 " "
July 1882	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	5	M	2.70 " "
Jan. 1883	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	5	M	2.70 " "
July 1883	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	5	M	2.70 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

BLACKSMITHS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884	10	2	M	$2.50 per day.	Jan. 1888	10	2	M	$2.50 per day.
	10	2	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	5	M	2.70 " "	Average	10	4	M	2.68½ " "
July 1884	10	2	M	2.50 " "	July 1888	10	2	M	2.50 " "
	10	2	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	5	M	2.70 " "	Average	10	4	M	2.68½ " "
Jan. 1885	10	2	M	2.50 " "	Jan. 1889	10	2	M	2.50 " "
	10	2	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	5	M	2.70 " "	Average	10	4	M	2.68½ " "
July 1885	10	2	M	2.50 " "	July 1889	10	3	M	2.50 " "
	10	2	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	5	M	2.70 " "	Average	10	5	M	2.65 " "
Jan. 1886	10	2	M	2.50 " "	Jan. 1890	10	3	M	2.50 " "
	10	2	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	3.00 " "	Average	10	4	M	2.56½ " "
Average	10	5	M	2.70 " "	July 1890	10	2	M	2.50 " "
July 1886	10	2	M	2.50 " "		10	1	M	2.75 " "
	10	2	M	2.75 " "		10	1	M	3.00 " "
	10	1	M	3.00 " "	Average	10	4	M	2.68½ " "
Average	10	5	M	2.70 " "	Jan. 1891	10	2	M	2.50 " "
Jan. 1887	10	2	M	2.50 " "		10	1	M	2.75 " "
	10	2	M	2.75 " "		10	1	M	3.00 " "
	10	1	M	3.00 " "	Average	10	4	M	2.68½ " "
Average	10	5	M	2.70 " "	July 1891	10	1	M	2.50 " "
July 1887	10	2	M	2.50 " "		10	1	M	2.75 " "
	10	2	M	2.75 " "		10	1	M	3.00 " "
	10	1	M	3.00 " "	Average	10	3	M	2.75 " "
Average	10	5	M	2.70 " "					

BLACKSMITHS' HELPERS.

Jan. 1840	10	1	M	1.37½ per day.	Jan. 1852	10	3	M	1.12½ per day.
July 1840	10	1	M	1.37½ " "	July 1852	10	1	M	1.12½ " "
Jan. 1841	10	1	M	1.37½ " "	Jan. 1853	10	3	M	1.12½ " "
July 1841	10	1	M	1.37½ " "	July 1853	10	2	M	1.12½ " "
Jan. 1842	10	1	M	1.25 " "	Jan. 1854	10	3	M	1.12½ " "
July 1842	10	1	M	1.25 " "	July 1854	10	2	M	1.12½ " "
Jan. 1843	10	1	M	1.25 " "	Jan. 1855	10	2	M	1.12½ " "
July 1843	10	1	M	1.25 " "	July 1855	10	2	M	1.25 " "
Jan. 1844	10	1	M	1.25 " "	Jan. 1856	10	2	M	1.12½ " "
July 1844	10	1	M	1.25 " "	July 1856	10	2	M	1.12½ " "
Jan. 1845	10	1	M	1.25 " "	Jan. 1857	10	2	M	1.12½ " "
July 1845	10	1	M	1.25 " "	July 1857	10	3	M	1.12½ " "
Jan. 1846	10	1	M	1.25 " "	Jan. 1858	10	3	M	1.12½ " "
July 1846	10	1	M	1.25 " "	July 1858	10	3	M	1.12½ " "
Jan. 1847	10	1	M	1.25 " "	Jan. 1859	10	2	M	1.25 " "
July 1847	10	1	M	1.25 " "	July 1859	10	4	M	1.12½ " "
Jan. 1848	10	1	M	1.25 " "	Jan. 1860	10	4	M	1.12½ " "
July 1848	10	1	M	1.25 " "	July 1860	10	3	M	1.25 " "
Jan. 1849	10	1	M	1.25 " "	Jan. 1861	10	3	M	1.25 " "
July 1849	10	1	M	1.37½ " "	July 1861	10	6	M	1.12½ " "
Jan. 1850	10	1	M	1.37½ " "	Jan. 1862	10	5	M	1.12½ " "
July 1850	10	1	M	1.37½ " "	July 1862	10	6	M	1.12½ " "
Jan. 1851	10	1	M	1.37½ " "	Jan. 1863	10	5	M	1.25 " "
July 1851	10	3	M	1.12½ " "	July 1863	10	5	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

BLACKSMITHS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1864	10	5	M	$1.50 per day.
July 1864	10	5	M	1.75 " "
Jan. 1865	10	4	M	2.00 " "
July 1865	10	5	M	2.00 " "
Jan. 1866	10	5	M	2.00 " "
July 1866	10	5	M	2.00 " "
Jan. 1867	10	6	M	2.00 " "
July 1867	10	5	M	2.25 " "
Jan. 1868	10	5	M	2.25 " "
July 1868	10	4	M	2.25 " "
Jan. 1869	10	5	M	2.25 " "
July 1869	10	5	M	2.25 " "
Jan. 1870	10	6	M	2.25 " "
July 1870	10	6	M	2.25 " "
Jan. 1871	10	5	M	2.25 " "
July 1871	10	6	M	2.25 " "
Jan. 1872	10	5	M	2.25 " "
July 1872	10	5	M	2.50 " "
Jan. 1873	10	5	M	2.50 " "
July 1873	10	6	M	2.50 " "
Jan. 1874	10	5	M	2.50 " "
July 1874	10	6	M	2.50 " "
Jan. 1875	10	5	M	2.50 " "
July 1875	10	5	M	2.50 " "
Jan. 1876	10	5	M	2.50 " "
July 1876	10	5	M	2.50 " "
Jan. 1877	10	4	M	2.50 " "
July 1877	10	4	M	2.50 " "
Jan. 1878	10	4	M	2.50 " "
July 1878	10	4	M	2.25 " "
Jan. 1879	10	4	M	2.25 " "
July 1879	10	4	M	2.00 " "
Jan. 1880	10	4	M	2.00 " "
July 1880	10	4	M	2.00 " "
Jan. 1881	10	4	M	2.00 " "
July 1881	10	4	M	2.00 " "
Jan. 1882	10	4	M	2.00 " "
July 1882	10	4	M	2.00 " "
Jan. 1883	10	4	M	2.00 " "
	10	2	M	2.25 " "
Average	10	6	M	2.08½ " "
July 1883	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	5	M	2.05 " "
Jan. 1884	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	5	M	2.05 " "
July 1884	10	4	M	$2.00 per day.
	10	1	M	2.25 " "
Average	10	5	M	2.05 " "
Jan. 1885	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	5	M	2.05 " "
July 1885	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	5	M	2.05 " "
Jan. 1886	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	5	M	2.05 " "
July 1886	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	5	M	2.05 " "
Jan. 1887	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	5	M	2.05 " "
July 1887	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	5	M	2.05 " "
Jan. 1888	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
July 1888	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
Jan. 1889	10	2	M	2.00 " "
July 1889	10	2	M	2.00 " "
Jan. 1890	10	2	M	2.00 " "
July 1890	10	3	M	2.00 " "
Jan. 1891	10	4	M	2.00 " "
July 1891	10	3	M	2.00 " "

BRICKLAYERS.

Jan. 1840	10	1	M	1.75 per day.
July 1840	10	1	M	1.75 " "
Jan. 1841	10	1	M	1.50 " "
July 1841	10	7	M	1.62½ " "
	10	1	M	1.75 " "
	10	2	M	2.50 " "
Average	10	10	M	1.81½ " "
Jan. 1842	10	1	M	1.50 " "
July 1842	10	1	M	2.50 " "
Jan. 1843	10	1	M	2.50 " "
July 1843	10	1	M	2.50 " "
Jan. 1844	10	1	M	2.50 " "
July 1844	10	1	M	2.50 " "
Jan. 1845	10	1	M	2.50 " "
July 1845	10	3	M	2.00 per day.
Jan. 1846	10	1	M	2.00 " "
July 1846	10	5	M	1.75 " "
	10	2	M	2.00 " "
Average	10	7	M	1.82 " "
Jan. 1847	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
July 1847	10	1	M	2.00 " "
Jan. 1848	10	1	M	2.00 " "
July 1848	10	2	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

BRICKLAYERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1849	10	1	M	$1.75 per day.
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
July 1849	10	8	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	10	M	1.90 " "
Jan. 1850	10	1	M	2.00 " "
July 1850	10	1	M	2.00 " "
Jan. 1851	10	1	M	2.00 " "
July 1851	10	10	M	2.00 " "
Jan. 1852	10	5	M	2.00 " "
July 1852	10	1	M	1.75 " "
	10	5	M	2.00 " "
Average	10	6	M	1.96 " "
Jan. 1853	10	6	M	2.00 " "
July 1853	10	4	M	2.00 " "
Jan. 1854	10	3	M	2.00 " "
July 1854	10	3	M	2.00 " "
Jan. 1855	10	5	M	2.00 " "
	10	1	M	2.25 " "
Average	10	6	M	2.04 " "
July 1855	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	2	M	2.12½ " "
Jan. 1856	10	3	M	2.00 " "
	10	1	M	2.25 " "
Average	10	4	M	2.06½ " "
July 1856	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
Jan. 1857	10	1	M	2.00 " "
July 1857	10	3	M	2.00 " "
	10	1	M	2.50 " "
Average	10	4	M	2.12½ " "
Jan. 1858	10	4	M	2.00 " "
	10	1	M	2.50 " "
Average	10	5	M	2.10 " "
July 1858	10	8	M	1.75 " "
	10	5	M	2.00 " "
	10	1	M	2.50 " "
Average	10	14	M	1.89½ " "
Jan. 1859	10	2	M	1.75 " "
	10	3	M	2.00 " "
	10	1	M	2.50 " "
Average	10	6	M	2.00 " "
July 1859	10	8	M	1.75 " "
	10	5	M	2.00 " "
	10	1	M	2.50 " "
Average	10	14	M	1.89½ " "
Jan. 1860	10	6	M	$2.00 per day.
	10	1	M	2.75 " "
Average	10	7	M	2.10½ " "
July 1860	10	25	M	2.00 " "
	10	1	M	3.00 " "
Average	10	26	M	2.04 " "
Jan. 1861	10	10	M	2.00 " "
	10	1	M	2.50 " "
Average	10	11	M	2.04½ " "
July 1861	10	14	M	2.00 " "
	10	1	M	2.50 " "
Average	10	15	M	2.03⅓ " "
Jan. 1862	10	10	M	2.00 " "
	10	1	M	2.50 " "
Average	10	11	M	2.04½ " "
July 1862	10	3	M	2.00 " "
	10	1	M	2.50 " "
Average	10	4	M	2.12½ " "
Jan. 1863	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	2	M	2.25 " "
July 1863	10	•1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	2	M	2.75 " "
Jan. 1864	10	2	M	2.25 " "
	10	2	M	2.75 " "
Average	10	4	M	2.50 " "
July 1864	10	1	M	2.50 " "
Jan. 1865	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	3	M	2.66⅔ " "
July 1865	10	7	M	3.00 " "
Jan. 1866	10	3	M	3.00 " "
July 1866	10	5	M	3.25 " "
	10	4	M	3.50 " "
Average	10	9	M	3.36 " "
Jan. 1867	10	2	M	3.50 " "
July 1867	10	3	M	4.00 " "
Jan. 1868	10	3	M	4.00 " "
July 1868	10	4	M	4.00 " "
Jan. 1869	10	3	M	4.00 " "
July 1869	10	3	M	4.00 " "
	10	4	M	5.00 " "
Average	10	7	M	4.57 " "
Jan. 1870	10	3	M	4.00 " "
July 1870	10	3	M	4.00 " "
Jan. 1871	10	3	M	4.00 " "
July 1871	10	3	M	4.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

BRICKLAYERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	10	3	M	$4.00 per day.
July 1872	10	3	M	4.50 " "
Jan. 1873	10	3	M	4.50 " "
	10	2	M	5.00 " "
Average	10	5	M	4.70 " "
July 1873	10	3	M	4.50 " "
Jan. 1874	10	5	M	4.50 " "
July 1874	10	3	M	4.50 " "
Jan. 1875	10	3	M	4.00 " "
July 1875	10	1	M	3.50 " "
	10	3	M	4.00 " "
Average	10	4	M	3.87½ " "
Jan. 1876	10	1	M	3.00 " "
	10	2	M	4.00 " "
Average	10	3	M	3.66½ " "
July 1876	10	1	M	3.00 " "
	10	1	M	4.00 " "
Average	10	2	M	3.50 " "
Jan. 1877	10	1	M	3.00 " "
	10	1	M	4.00 " "
Average	10	2	M	3.50 " "
July 1877	10	2	M	3.00 " "
	10	1	M	4.00 " "
Average	10	3	M	3.33⅓ " "
Jan. 1878	10	1	M	3.00 " "
	10	1	M	4.00 " "
Average	10	2	M	3.50 " "
July 1878	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	3	M	2.66⅔ " "
Jan. 1879	10	3	M	2.50 " "
	10	1	M	3.00 " "
Average	10	4	M	2.62½ " "
July 1879	10	1	M	2.75 " "
Jan. 1880	10	1	M	2.75 " "
July 1880	10	4	M	2.75 " "
Jan. 1881	10	1	M	2.75 " "
July 1881	10	4	M	3.00 " "
Jan. 1882	10	4	M	3.50 " "
July 1882	10	5	M	$3.50 per day.
Jan. 1883	10	1	M	4.00 " "
July 1883	10	6	M	3.50 " "
Jan. 1884	10	2	M	3.50 " "
July 1884	10	4	M	3.50 " "
Jan. 1885	10	1	M	3.50 " "
July 1885	10	3	M	3.50 " "
Jan. 1886	10	1	M	3.50 " "
July 1886	10	1	M	3.50 " "
Jan. 1887	10	2	M	3.50 " "
July 1887	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	2	M	3.75 " "
Jan. 1888	10	3	M	3.50 " "
	10	1	M	3.75 " "
	10	1	M	4.00 " "
Average	10	5	M	3.65 " "
July 1888	10	6	M	3.50 " "
	10	1	M	3.75 " "
	10	1	M	4.00 " "
Average	10	8	M	3.59½ " "
Jan. 1889	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	2	M	3.75 " "
July 1889	10	4	M	3.50 " "
	10	1	M	4.00 " "
Average	10	5	M	3.60 " "
Jan. 1890	10	2	M	3.50 " "
	10	1	M	3.75 " "
	10	1	M	4.00 " "
Average	10	4	M	3.68½ " "
July 1890	10	4	M	3.50 " "
	10	1	M	4.00 " "
Average	10	5	M	3.60 " "
Jan. 1891	10	3	M	3.50 " "
	10	1	M	3.75 " "
	10	1	M	4.00 " "
Average	10	5	M	3.65 " "
July 1891	10	4	M	3.50 " "
	10	1	M	4.00 " "
Average	10	5	M	3.60 " "

BRICKLAYERS' HELPERS.

Jan. 1840	10	1	M	1.12½ per day.
July 1840	10	1	M	1.12½ " "
Jan. 1841	10	1	M	1.12½ " "
July 1841	10	1	M	1.12½ " "
Jan. 1842	10	1	M	1.12½ " "
July 1842	10	1	M	1.12½ " "
Jan. 1843	10	1	M	1.12½ " "
July 1843	10	1	M	1.12½ " "
Jan. 1844	10	1	M	1.12½ " "
July 1844	10	1	M	1.12½ " "
Jan. 1845	10	1	M	1.25 " "
July 1845	10	1	M	1.25 per day.
Jan. 1846	10	1	M	1.25 " "
July 1846	10	1	M	1.25 " "
Jan. 1847	10	1	M	1.25 " "
July 1847	10	1	M	1.25 " "
Jan. 1848	10	1	M	1.25 " "
July 1848	10	1	M	1.25 " "
Jan. 1849	10	1	M	1.25 " "
July 1849	10	1	M	1.25 " "
Jan. 1850	10	1	M	1.25 " "
July 1850	10	1	M	1.12½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

BRICKLAYERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1851	10	1	M	$1.12½ per day.
July 1851	10	1	M	1.25 " "
Jan. 1852	10	1	M	1.25 " "
July 1852	10	1	M	1.25 " "
Jan. 1853	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1853	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33⅓ " "
Jan. 1854	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33⅓ " "
July 1854	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33⅓ " "
Jan. 1855	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1855	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
Jan. 1856	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33⅓ " "
July 1856	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33⅓ " "
Jan. 1857	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1857	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33½ " "
Jan. 1858	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33⅓ " "
July 1858	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33⅓ " "
Jan. 1859	10	3	M	1.25 " "
	10	1	M	1.50 " "
Average	10	4	M	1.31½ " "
July 1859	10	4	M	1.25 " "
	10	1	M	1.50 " "
Average	10	5	M	1.30 " "
Jan. 1860	10	2	M	$1.25 per day.
	10	1	M	1.50 " "
Average	10	3	M	1.33½ " "
July 1860	10	3	M	1.25 " "
	10	1	M	1.75 " "
Average	10	4	M	1.37½ " "
Jan. 1861	10	3	M	1.25 " "
	10	1	M	1.75 " "
Average	10	4	M	1.37½ " "
July 1861	10	4	M	1.25 " "
	10	1	M	1.75 " "
Average	10	5	M	1.35 " "
Jan. 1862	10	4	M	1.25 " "
	10	1	M	1.75 " "
Average	10	5	M	1.35 " "
July 1862	10	3	M	1.25 " "
	10	1	M	1.75 " "
Average	10	4	M	1.37½ " "
Jan. 1863	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	3	M	1.58½ " "
July 1863	10	4	M	1.75 " "
Jan. 1864	10	2	M	1.75 " "
July 1864	10	2	M	1.75 " "
Jan. 1865	10	2	M	2.00 " "
July 1865	10	6	M	2.00 " "
Jan. 1866	10	3	M	2.00 " "
July 1866	10	5	M	2.00 " "
Jan. 1867	10	2	M	2.00 " "
July 1867	10	2	M	2.00 " "
Jan. 1868	10	2	M	2.00 " "
July 1868	10	3	M	2.00 " "
Jan. 1869	10	2	M	2.00 " "
July 1869	10	2	M	2.00 " "
Jan. 1870	10	2	M	2.00 " "
July 1870	10	2	M	2.00 " "
Jan. 1871	10	2	M	2.00 " "
July 1871	10	2	M	2.00 " "
Jan. 1872	10	3	M	2.00 " "
July 1872	10	3	M	2.25 " "
Jan. 1873	10	2	M	2.25 " "
July 1873	10	2	M	2.00 " "
	10	3	M	2.25 " "
Average	10	5	M	2.15 " "
Jan. 1874	10	3	M	2.00 " "
	10	2	M	2.25 " "
Average	10	5	M	2.10 " "
July 1874	10	1	M	2.00 " "
	10	2	M	2.25 " "
Average	10	3	M	2.16⅔ " "
Jan. 1875	10	1	M	2.00 " "
	10	2	M	2.25 " "
Average	10	3	M	2.16⅔ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

BRICKLAYERS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10	2	M	$2.00 per day.	July 1882	10	3	M	$1.50 per day.
	10	2	M	2.25 " "	Jan. 1883	10	1	M	1.75 " "
					July 1883	10	2	M	1.75 " "
Average	10	4	M	2.12½ " "	Jan. 1884	10	2	M	1.75 " "
					July 1884	10	2	M	1.75 " "
Jan. 1876	10	2	M	2.25 " "	Jan. 1885	10	1	M	1.75 " "
July 1876	10	2	M	2.25 " "	July 1885	10	2	M	1.75 " "
Jan. 1877	10	2	M	2.25 " "	Jan. 1886	10	1	M	2.00 " "
July 1877	10	2	M	2.25 " "	July 1886	10	1	M	2.00 " "
Jan. 1878	10	2	M	2.25 " "	Jan. 1887	10	1	M	1.75 " "
July 1878	10	2	M	2.00 " "	July 1887	10	1	M	1.75 " "
Jan. 1879	10	3	M	2.00 " "	Jan. 1888	10	3	M	2.00 " "
July 1879	10	1	M	2.00 " "	July 1888	10	5	M	2.00 " "
Jan. 1880	10	1	M	2.00 " "	Jan. 1889	10	3	M	2.00 " "
July 1880	10	3	M	1.50 " "	July 1889	10	4	M	2.00 " "
Jan. 1881	10	1	M	1.50 " "	Jan. 1890	10	3	M	2.00 " "
July 1881	10	5	M	1.50 " "	July 1890	10	4	M	2.00 " "
					Jan. 1891	10	4	M	2.00 " "
Jan. 1882	10	2	M	1.50 " "	July 1891	10	4	M	2.00 " "
	10	1	M	1.75 " "					
Average	10	3	M	1.58½ " "					

CARPENTERS.

Jan. 1840	10	1	M	1.50 per day.	Jan. 1848	10	1	M	1.50 per day.
July 1840	10	1	M	1.50 " "		10	1	M	2.00 " "
Jan. 1841	10	1	M	1.75 " "					
July 1841	10	1	M	1.75 " "	Average	10	2	M	1.75 " "
Jan. 1842	10	1	M	1.75 " "					
July 1842	10	1	M	1.75 " "					
Jan. 1843	10	1	M	1.50 " "	July 1848	10	1	M	1.50 " "
July 1843	10	1	M	1.50 " "		10	1	M	2.00 " "
Jan. 1844	10	1	M	1.50 " "	Average	10	2	M	1.75 " "
	10	1	M	1.75 " "					
Average	10	2	M	1.62½ " "	Jan. 1849	10	1	M	1.50 " "
					July 1849	10	2	M	1.50 " "
July 1844	10	1	M	1.50 " "	Jan. 1850	10	1	M	1.50 " "
	10	1	M	1.75 " "	July 1850	10	1	M	1.50 " "
Average	10	2	M	1.62½ " "	Jan. 1851	10	1	M	1.50 " "
					July 1851	10	1	M	1.37½ " "
Jan. 1845	10	1	M	1.50 " "	Jan. 1852	10	2	M	1.37½ " "
	10	1	M	1.75 " "	July 1852	10	2	M	1.37½ " "
Average	10	2	M	1.62½ " "	Jan. 1853	10	2	M	1.50 " "
					July 1853	10	2	M	1.75 " "
July 1845	10	1	M	1.50 " "	Jan. 1854	10	2	M	1.75 " "
	10	1	M	1.75 " "	July 1854	10	2	M	1.75 " "
Average	10	2	M	1.62½ " "	Jan. 1855	10	2	M	1.75 " "
					July 1855	10	2	M	1.75 " "
Jan. 1846	10	1	M	1.50 " "	Jan. 1856	10	2	M	1.75 " "
	10	1	M	1.75 " "	July 1856	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "	Jan. 1857	10	2	M	1.75 " "
						10	1	M	2.25 " "
July 1846	10	1	M	1.50 " "	Average	10	3	M	1.91½ " "
	10	1	M	1.75 " "					
Average	10	2	M	1.62½ " "	July 1857	10	2	M	1.75 " "
					Jan. 1858	10	3	M	1.75 " "
Jan. 1847	10	2	M	1.50 " "	July 1858	10	3	M	1.75 " "
	10	1	M	2.00 " "	Jan. 1859	10	2	M	1.75 " "
Average	10	3	M	1.66½ " "	July 1859	10	3	M	1.75 " "
					Jan. 1860	10	6	M	1.75 " "
July 1847	10	1	M	1.50 " "	July 1860	10	6	M	1.75 " "
	10	1	M	2.00 " "	Jan. 1861	10	10	M	1.75 " "
					July 1861	10	9	M	1.75 " "
Average	10	2	M	1.75 " "	Jan. 1862	10	9	M	1.75 " "
					July 1862	10	6	M	1.75 " "
					Jan. 1863	10	4	M	1.75 " "
					July 1863	10	4	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

CARPENTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1864	10	2	M	$2.25 per day.
	10	1	M	2.50 " "
Average	10	3	M	2.33½ " "
July 1864	10	4	M	2.50 " "
Jan. 1865	10	5	M	3.00 " "
July 1865	10	5	M	3.00 " "
Jan. 1866	10	6	M	3.00 " "
July 1866	10	3	M	3.00 " "
	10	4	M	3.25 " "
	10	1	M	3.50 " "
Average	10	8	M	3.18½ " "
Jan. 1867	10	4	M	3.00 " "
	10	5	M	3.25 " "
Average	10	9	M	3.14 " "
July 1867	10	2	M	3.25 " "
	10	3	M	3.50 " "
Average	10	5	M	3.40 " "
Jan. 1868	10	1	M	3.25 " "
	10	2	M	3.50 " "
Average	10	3	M	3.41⅓ " "
July 1868	10	1	M	3.25 " "
	10	3	M	3.75 " "
Average	10	4	M	3.62½ " "
Jan. 1869	10	1	M	3.25 " "
	10	4	M	3.75 " "
Average	10	5	M	3.65 " "
July 1869	10	2	M	3.25 " "
	10	6	M	3.75 " "
Average	10	8	M	3.62½ " "
Jan. 1870	10	1	M	3.25 " "
	10	6	M	3.75 " "
Average	10	7	M	3.68 " "
July 1870	10	1	M	3.25 " "
	10	6	M	3.75 " "
Average	10	7	M	3.68 " "
Jan. 1871	10	1	M	3.25 " "
	10	4	M	3.75 " "
Average	10	5	M	3.65 " "
July 1871	10	1	M	3.25 " "
	10	4	M	3.75 " "
Average	10	5	M	3.65 " "
Jan. 1872	10	1	M	3.25 " "
	10	3	M	3.75 " "
Average	10	4	M	3.62½ " "
July 1872	10	1	M	3.75 " "
	10	4	M	4.00 " "
Average	10	5	M	3.95 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1873	10	1	M	$3.75 per day.
	10	3	M	4.00 " "
Average	10	4	M	3.93½ " "
July 1873	10	4	M	4.00 " "
Jan. 1874	10	4	M	4.00 " "
July 1874	10	4	M	4.00 " "
Jan. 1875	10	3	M	3.75 " "
July 1875	10	1	M	3.50 " "
	10	3	M	3.75 " "
Average	10	4	M	3.68⅓ " "
Jan. 1876	10	1	M	3.50 " "
	10	3	M	3.75 " "
Average	10	4	M	3.68½ " "
July 1876	10	1	M	3.00 " "
	10	4	M	3.50 " "
Average	10	5	M	3.40 " "
Jan. 1877	10	4	M	3.50 " "
July 1877	10	4	M	3.50 " "
Jan. 1878	10	4	M	3.50 " "
July 1878	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	4	M	2.81½ " "
Jan. 1879	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	4	M	2.81½ " "
July 1879	10	4	M	2.50 " "
Jan. 1880	10	4	M	2.50 " "
July 1880	10	4	M	2.75 " "
Jan. 1881	10	3	M	2.75 " "
July 1881	10	3	M	2.75 " "
Jan. 1882	10	3	M	2.75 " "
July 1882	10	2	M	3.00 " "
	10	1	M	3.25 " "
Average	10	3	M	3.08⅓ " "
Jan. 1883	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	2	M	3.12½ " "
July 1883	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	2	M	3.12½ " "
Jan. 1884	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	2	M	3.12½ " "
July 1884	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	2	M	3.12½ " "
Jan. 1885	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	2	M	3.12½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

CARPENTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1885	10	1	M	$3.00 per day.
	10	1	M	3.25 " "
Average	10	2	M	3.12½ " "
Jan. 1886	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	2	M	3.12½ " "
July 1886	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	2	M	3.12½ " "
Jan. 1887	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	2	M	3.12½ " "
July 1887	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.25 " "
Jan. 1888	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.25 " "
July 1888	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.25 " "
Jan. 1889	10	1	M	$3.00 per day.
	10	1	M	3.25 " "
	10	4	M	3.50 " "
Average	10	6	M	3.37½ " "
July 1889	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.25 " "
Jan. 1890	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.25 " "
July 1890	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.25 " "
Jan. 1891	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	2	M	3.12½ " "
July 1891	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.25 " "

COKE WHEELERS.

Jan. 1868	11	40	M	1.75 per day.
July 1863	11	40	M	1.75 " "
Jan. 1864	11	40	M	1.75 " "
July 1864	11	40	M	2.00 " "
Jan. 1865	11	40	M	2.25 " "
July 1865	11	50	M	2.25 " "
Jan. 1866	11	50	M	2.25 " "
July 1866	11	60	M	2.25 " "
Jan. 1867	11	60	M	2.25 " "
July 1867	11	40	M	2.35 " "
Jan. 1868	11	60	M	2.35 " "
July 1868	11	40	M	2.35 " "
Jan. 1869	11	120	M	2.50 " "
July 1869	11	80	M	2.50 " "
Jan. 1870	11	80	M	2.50 " "
July 1870	11	40	M	2.50 " "
Jan. 1871	11	90	M	2.50 " "
July 1871	11	60	M	2.50 " "
Jan. 1872	11	100	M	2.50 " "
July 1872	11	60	M	3.50 " "
Jan. 1873	11	120	M	3.50 " "
July 1873	11	70	M	3.00 " "
Jan. 1874	11	120	M	3.00 " "
July 1874	11	40	M	3.00 " "
Jan. 1875	11	90	M	2.75 " "
July 1875	11	50	M	2.75 " "
Jan. 1876	11	90	M	2.75 " "
July 1876	11	30	M	2.50 " "
Jan. 1877	11	70	M	2.50 " "
July 1877	11	20	M	2.25 " "
Jan. 1878	11	50	M	2.25 " "
July 1878	11	15	M	2.25 " "
Jan. 1879	11	40	M	2.25 per day.
July 1879	11	15	M	2.00 " "
Jan. 1880	11	10	M	1.75 " "
	11	30	M	2.00 " "
Average	11	40	M	1.93½ " "
July 1880	11	7	M	2.00 " "
	11	20	M	2.25 " "
Average	11	27	M	2.18½ " "
Jan. 1881	11	10	M	2.00 " "
	11	25	M	2.25 " "
Average	11	35	M	2.18 " "
July 1881	11	7	M	2.00 " "
	11	15	M	2.25 " "
Average	11	22	M	2.17 " "
Jan. 1882	11	8	M	2.00 " "
	11	35	M	2.25 " "
Average	11	43	M	2.20½ " "
July 1882	11	10	M	2.50 " "
Jan. 1883	11	40	M	2.50 " "
July 1883	11	25	M	2.50 " "
Jan. 1884	11	30	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

COKE WHEELERS—Concluded.

Payroll of—	Hours per day.	Different employés	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1884	11	20	M	$2.50 per day.	July 1888	11	20	M	$2.50 per day.
Jan. 1885	11	40	M	2.50 " "	Jan. 1889	11	35	M	2.50 " "
July 1885	11	20	M	2.50 " "	July 1889	11	20	M	2.50 " "
Jan. 1886	11	30	M	2.50 " "	Jan. 1890	11	30	M	2.50 " "
July 1886	11	20	M	2.50 " "	July 1890	11	20	M	2.50 " "
Jan. 1887	11	30	M	2.50 " "	Jan. 1891	11	40	M	2.50 " "
July 1887	11	20	M	2.50 " "	July 1891	11	20	M	2.50 " "
Jan. 1888	11	40	M	2.50 " "					

ENGINEERS.

July 1841	11	1	M	1.50 per day.	Jan. 1860	11	2	M	2.00 per day.
Jan. 1842	11	1	M	1.75 " "		11	1	M	2.50 " "
July 1842	11	1	M	1.75 " "	Average	11	3	M	2.16½ " "
Jan. 1843	11	1	M	1.75 " "					
July 1843	11	1	M	1.75 " "	July 1860	11	2	M	2.00 " "
Jan. 1844	11	1	M	1.75 " "		11	1	M	2.50 " "
July 1844	11	1	M	1.75 " "	Average	11	3	M	2.16½ " "
Jan. 1845	11	1	M	1.75 " "					
July 1845	11	1	M	1.75 " "	Jan. 1861	11	2	M	2.00 " "
Jan. 1846	11	1	M	1.75 " "		11	1	M	2.50 " "
July 1846	11	1	M	2.00 " "	Average	11	3	M	2.16½ " "
Jan. 1847	11	1	M	2.00 " "					
July 1847	11	1	M	2.00 " "	July 1861	11	2	M	2.00 " "
Jan. 1848	11	1	M	2.00 " "		11	1	M	2.50 " "
July 1848	11	1	M	2.00 " "	Average	11	3	M	2.16½ " "
Jan. 1849	11	1	M	2.00 " "					
July 1849	11	1	M	2.00 " "	Jan. 1862	11	2	M	2.00 " "
Jan. 1850	11	1	M	2.00 " "		11	1	M	2.50 " "
July 1850	11	1	M	2.00 " "	Average	11	3	M	2.16½ " "
Jan. 1851	11	1	M	2.00 " "					
July 1851	11	1	M	2.00 " "	July 1862	11	2	M	2.00 " "
Jan. 1852	11	1	M	2.00 " "		11	1	M	2.50 " "
July 1852	11	1	M	2.00 " "	Average	11	3	M	2.16½ " "
Jan. 1853	11	1	M	2.00 " "					
July 1853	11	1	M	2.00 " "	Jan. 1863	11	2	M	2.25 " "
Jan. 1854	11	1	M	2.00 " "		11	1	M	2.75 " "
July 1854	11	1	M	2.00 " "	Average	11	3	M	2.41½ " "
Jan. 1855	11	1	M	2.00 " "					
July 1855	11	1	M	2.00 " "	July 1863	11	1	M	2.50 " "
Jan. 1856	11	1	M	2.00 " "		11	2	M	2.75 " "
					Average	11	3	M	2.66½ " "
July 1856	11	1	M	1.75 " "					
	11	1	M	2.00 " "	Jan. 1864	11	4	M	2.25 " "
						11	2	M	2.75 " "
Average	11	2	M	1.87½ " "	Average	11	6	M	2.41½ " "
Jan. 1857	11	1	M	1.75 " "	July 1864	11	1	M	2.50 " "
	11	1	M	2.00 " "		11	2	M	2.75 " "
					Average	11	3	M	2.66½ " "
Average	11	2	M	1.87½ " "					
					Jan. 1865	11	1	M	2.75 " "
July 1857	11	1	M	1.75 " "		11	2	M	3.00 " "
	11	1	M	2.00 " "					
					Average	11	3	M	2.91½ " "
Average	11	2	M	1.87½ " "					
					July 1865	11	3	M	3.00 " "
Jan. 1858	11	1	M	1.75 " "	Jan. 1866	11	2	M	3.00 " "
	11	1	M	2.00 " "	July 1866	11	2	M	3.50 " "
					Jan. 1867	11	2	M	3.50 " "
Average	11	2	M	1.87½ " "					
July 1858	11	1	M	1.75 " "					
	11	1	M	2.00 " "					
Average	11	2	M	1.87½ " "					
Jan. 1859	11	3	M	2.00 " "					
July 1859	11	2	M	1.75 " "					
	11	1	M	2.00 " "					
Average	11	3	M	1.83½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

ENGINEERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1867	11	2	M	$3.50 per day.	July 1878	11	1	M	$3.00 per day.
Jan. 1868	11	2	M	3.50 " "		11	2	M	3.50 " "
July 1868	11	2	M	3.50 " "	Average	11	3	M	3.33½ " "
Jan. 1869	11	2	M	3.50 " "	Jan. 1879	11	1	M	3.00 " "
July 1869	11	2	M	3.50 " "		11	2	M	3.50 " "
Jan. 1870	11	2	M	3.50 " "	Average	11	3	M	3.33½ " "
July 1870	11	2	M	3.50 " "	July 1879	11	1	M	2.50 " "
Jan. 1871	11	2	M	3.50 " "		11	2	M	3.00 " "
July 1871	11	2	M	3.50 " "	Average	11	3	M	2.83½ " "
Jan. 1872	11	2	M	3.50 " "	Jan. 1880	11	1	M	2.75 " "
July 1872	11	2	M	4.00 " "		11	2	M	3.00 " "
Jan. 1873	11	2	M	4.00 " "	Average	11	3	M	2.91½ " "
July 1873	11	2	M	4.00 " "	July 1880	11	1	M	2.75 " "
Jan. 1874	11	2	M	4.00 " "		11	2	M	3.00 " "
July 1874	11	2	M	4.00 " "	Average	11	3	M	2.91½ " "
Jan. 1875	11	1	M	3.50 " "	Jan. 1881	11	1	M	2.75 " "
	11	2	M	4.00 " "		11	2	M	3.00 " "
Average	11	3	M	3.83½ " "	Average	11	3	M	2.91½ " "
July 1875	11	1	M	3.50 " "	July 1881	11	2	M	3.00 " "
	11	2	M	4.00 " "	Jan. 1882	11	2	M	3.00 " "
Average	11	3	M	3.83½ " "	July 1882	11	2	M	3.25 " "
Jan. 1876	11	1	M	3.50 " "	Jan. 1883	11	2	M	3.25 " "
	11	2	M	4.00 " "	July 1883	11	2	M	3.25 " "
Average	11	3	M	3.83½ " "	Jan. 1884	11	2	M	3.25 " "
July 1876	11	1	M	3.50 " "	July 1884	11	2	M	3.25 " "
	11	2	M	4.00 " "	Jan. 1885	11	2	M	3.25 " "
Average	11	3	M	3.83½ " "	July 1885	11	2	M	3.25 " "
Jan. 1877	11	1	M	3.50 " "	Jan. 1886	11	2	M	3.25 " "
	11	2	M	4.00 " "	July 1886	11	2	M	3.25 " "
Average	11	3	M	3.83½ " "	Jan. 1887	11	2	M	3.25 " "
July 1877	11	1	M	3.50 " "	July 1887	11	2	M	3.25 " "
	11	2	M	4.00 " "	Jan. 1888	11	2	M	3.25 " "
Average	11	3	M	3.83½ " "	July 1888	11	2	M	3.25 " "
Jan. 1878	11	1	M	3.50 " "	Jan. 1889	11	2	M	3.25 " "
	11	2	M	4.00 " "	July 1889	11	2	M	3.25 " "
Average	11	3	M	3.83½ " "	Jan. 1890	11	2	M	3.25 " "
					July 1890	11	2	M	3.25 " "
					Jan. 1891	11	2	M	3.25 " "
					July 1891	11	2	M	3.25 " "

FIREMEN.

Jan. 1840	10½	4	M	1.20 per day.	July 1849	10½	18	M	1.20 per day.
July 1840	10½	4	M	1.20 " "	Jan. 1850	10½	20	M	1.20 " "
Jan. 1841	10½	4	M	1.20 " "	July 1850	10½	16	M	1.20 " "
July 1841	10½	6	M	1.20 " "	Jan. 1851	10½	20	M	1.20 " "
Jan. 1842	10½	6	M	1.20 " "	July 1851	10½	30	M	1.22 " "
July 1842	10½	5	M	1.20 " "	Jan. 1852	10½	40	M	1.22 " "
Jan. 1843	10½	5	M	1.20 " "	July 1852	10½	25	M	1.22 " "
July 1843	10½	5	M	1.20 " "	Jan. 1853	10½	30	M	1.22 " "
Jan. 1844	10½	4	M	1.20 " "	July 1853	10½	30	M	1.34 " "
July 1844	10½	4	M	1.20 " "	Jan. 1854	10½	40	M	1.34 " "
Jan. 1845	10½	6	M	1.20 " "	July 1854	10½	60	M	1.34 " "
July 1845	10½	6	M	1.20 " "	Jan. 1855	10½	60	M	1.34 " "
Jan. 1846	10½	11	M	1.20 " "	July 1855	10½	60	M	1.34 " "
July 1846	10½	8	M	1.20 " "	Jan. 1856	10½	60	M	1.34 " "
Jan. 1847	10½	12	M	1.20 " "	July 1856	10½	60	M	1.34 " "
July 1847	10½	8	M	1.20 " "	Jan. 1857	10½	65	M	1.34 " "
Jan. 1848	10½	17	M	1.20 " "	July 1857	10½	65	M	1.34 " "
July 1848	10½	12	M	1.20 " "	Jan. 1858	10½	65	M	1.34 " "
Jan. 1849	10½	26	M	1.20 " "	July 1858	10½	75	M	1.34 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

FIREMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1859	10½	80	M	$1.34 per day.	July 1875	10½	40	M	$3.25 per day.
July 1859	10½	80	M	1.34 " "	Jan. 1876	10½	80	M	3.25 " "
Jan. 1860	10½	80	M	1.34 " "	July 1876	10½	25	M	3.00 " "
July 1860	10½	80	M	1.34 " "	Jan. 1877	10½	80	M	3.00 " "
Jan. 1861	10½	90	M	1.34 " "	July 1877	10½	30	M	3.00 " "
July 1861	10½	90	M	1.34 " "	Jan. 1878	10½	50	M	3.00 " "
Jan. 1862	10½	90	M	1.34 " "	July 1878	10½	30	M	2.75 " "
July 1862	10½	60	M	1.34 " "	Jan. 1879	10½	60	M	2.75 " "
Jan. 1863	10½	60	M	1.75 " "	July 1879	10½	30	M	2.50 " "
July 1863	10½	60	M	2.25 " "	Jan. 1880	10½	55	M	2.50 " "
Jan. 1864	10½	80	M	2.00 " "	July 1880	10½	25	M	2.75 " "
July 1864	10½	80	M	2.25 " "	Jan. 1881	10½	65	M	2.75 " "
Jan. 1865	10½	70	M	2.50 " "	July 1881	10½	30	M	2.75 " "
July 1865	10½	80	M	2.50 " "	Jan. 1882	10½	60	M	2.75 " "
Jan. 1866	10½	80	M	2.50 " "	July 1882	10½	25	M	3.00 " "
July 1866	10½	60	M	2.50 " "	Jan. 1883	10½	50	M	3.00 " "
Jan. 1867	10½	90	M	2.50 " "	July 1883	10½	25	M	3.00 " "
July 1867	10½	60	M	2.70 " "	Jan. 1884	10½	50	M	3.00 " "
Jan. 1868	10½	80	M	2.70 " "	July 1884	10½	25	M	3.00 " "
July 1868	10½	50	M	2.70 " "	Jan. 1885	10½	50	M	3.00 " "
Jan. 1869	10½	95	M	3.00 " "	July 1885	10½	25	M	3.00 " "
July 1869	10½	50	M	3.00 " "	Jan. 1886	10½	50	M	3.00 " "
Jan. 1870	10½	90	M	3.00 " "	July 1886	10½	25	M	3.00 " "
July 1870	10½	60	M	3.00 " "	Jan. 1887	10½	50	M	3.00 " "
Jan. 1871	10½	100	M	3.00 " "	July 1887	10½	25	M	3.00 " "
July 1871	10½	60	M	3.00 " "	Jan. 1888	10½	50	M	3.00 " "
Jan. 1872	10½	110	M	3.00 " "	July 1888	10½	25	M	3.00 " "
July 1872	10½	50	M	4.00 " "	Jan. 1889	10½	50	M	3.00 " "
Jan. 1873	10½	100	M	4.00 " "	July 1889	10½	25	M	3.00 " "
July 1873	10½	50	M	3.50 " "	Jan. 1890	10½	50	M	3.00 " "
Jan. 1874	10½	110	M	3.50 " "	July 1890	10½	25	M	3.00 " "
July 1874	10½	50	M	3.50 " "	Jan. 1891	10½	50	M	3.00 " "
Jan. 1875	10½	110	M	3.25 " "	July 1891	10½	25	M	3.00 " "

LABORERS.

Jan. 1840	10	9	M	1.00 per day.	Jan. 1844	10	20	M	1.00 per day.
	10	2	M	1.12½ " "		10	5	M	1.12½ " "
Average	10	11	M	1.02½ " "	Average	10	25	M	1.02½ " "
July 1840	10	9	M	1.00 " "	July 1844	10	20	M	1.00 " "
	10	2	M	1.12½ " "		10	5	M	1.12½ " "
Average	10	11	M	1.02½ " "	Average	10	25	M	1.02½ " "
Jan. 1841	10	3	M	1.00 " "	Jan. 1845	10	10	M	1.00 " "
	10	1	M	1.12½ " "		10	4	M	1.12½ " "
Average	10	4	M	1.03 " "	Average	10	14	M	1.03½ " "
July 1841	10	25	M	1.00 " "	July 1845	10	12	M	1.00 " "
	10	1	M	1.12½ " "		10	5	M	1.12½ " "
Average	10	26	M	1.00½ " "	Average	10	17	M	1.03½ " "
Jan. 1842	10	14	M	1.00 " "	Jan. 1846	10	12	M	1.00 " "
	10	1	M	1.12½ " "		10	5	M	1.12½ " "
Average	10	15	M	1.01 " "	Average	10	17	M	1.03½ " "
July 1842	10	1	M	1.00 " "	July 1846	10	30	M	1.00 " "
	10	1	M	1.12½ " "		10	8	M	1.12½ " "
Average	10	2	M	1.06½ " "	Average	10	38	M	1.02½ " "
Jan. 1843	10	1	M	1.00 " "	Jan. 1847	10	15	M	1.00 " "
	10	1	M	1.12½ " "		10	4	M	1.12½ " "
Average	10	2	M	1.06½ " "	Average	10	19	M	1.02½ " "
July 1843	10	5	M	1.00 " "	July 1847	10	18	M	1.00 " "
	10	2	M	1.12½ " "		10	9	M	1.12½ " "
Average	10	7	M	1.03½ " "	Average	10	27	M	1.04 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1848	10	22	M	$1.00 per day.	July 1855	10	85	M	$1.00 per day.
	10	10	M	1.12½ " "		10	29	M	1.12½ " "
Average	10	32	M	1.04 " "	Average	10	114	M	1.03 " "
July 1848	10	20	M	1.00 " "	Jan. 1856	10	85	M	1.00 " "
	10	10	M	1.12½ " "		10	52	M	1.12½ " "
Average	10	30	M	1.04 " "	Average	10	137	M	1.04½ " "
Jan. 1849	10	40	M	1.00 " "	July 1856	10	85	M	1.00 " "
	10	15	M	1.12½ " "		10	32	M	1.12½ " "
Average	10	55	M	1.03½ " "	Average	10	117	M	1.03½ " "
July 1849	10	50	M	1.00 " "	Jan. 1857	10	85	M	1.00 " "
	10	15	M	1.12½ " "		10	44	M	1.12½ " "
Average	10	65	M	1.03 " "	Average	10	129	M	1.04½ " "
Jan. 1850	10	15	M	1.00 " "	July 1857	10	85	M	1.00 " "
	10	4	M	1.12½ " "		10	34	M	1.12½ " "
Average	10	19	M	1.02½ " "	Average	10	119	M	1.03½ " "
July 1850	10	15	M	1.00 " "	Jan. 1858	10	90	M	1.00 " "
	10	8	M	1.12½ " "		10	50	M	1.12½ " "
Average	10	23	M	1.04½ " "	Average	10	140	M	1.04½ " "
Jan. 1851	10	20	M	1.00 " "	July 1858	10	100	M	1.00 " "
	10	6	M	1.12½ " "		10	40	M	1.12½ " "
Average	10	26	M	1.03 " "	Average	10	140	M	1.03½ " "
July 1851	10	25	M	1.00 " "	Jan. 1859	10	100	M	1.00 " "
	10	8	M	1.12½ " "		10	92	M	1.12½ " "
Average	10	33	M	1.03 " "	Average	10	192	M	1.06 " "
Jan. 1852	10	35	M	1.00 " "	July 1859	10	200	M	1.00 " "
	10	20	M	1.12½ " "		10	80	M	1.12½ " "
Average	10	55	M	1.04½ " "	Average	10	280	M	1.03½ " "
July 1852	10	40	M	1.00 " "	Jan. 1860	10	125	M	1.00 " "
	10	20	M	1.12½ " "		10	94	M	1.12½ " "
Average	10	60	M	1.04 " "	Average	10	219	M	1.05½ " "
Jan. 1853	10	40	M	1.00 " "	July 1860	10	150	M	1.00 " "
	10	15	M	1.12½ " "		10	58	M	1.12½ " "
Average	10	55	M	1.03½ " "	Average	10	208	M	1.03½ " "
July 1853	10	50	M	1.00 " "	Jan. 1861	10	150	M	1.00 " "
	10	18	M	1.12½ " "		10	90	M	1.12½ " "
Average	10	68	M	1.03½ " "	Average	10	240	M	1.04½ " "
Jan. 1854	10	50	M	1.00 " "	July 1861	10	150	M	1.00 " "
	10	18	M	1.12½ " "		10	60	M	1.12½ " "
Average	10	68	M	1.03½ " "	Average	10	210	M	1.03½ " "
July 1854	10	60	M	1.00 " "	Jan. 1862	10	150	M	1.00 " "
	10	25	M	1.12½ " "		10	70	M	1.12½ " "
Average	10	85	M	1.03½ " "	Average	10	220	M	1.04 " "
Jan. 1855	10	80	M	1.00 " "	July 1862	10	150	M	1.00 " "
	10	38	M	1.12½ " "		10	40	M	1.12½ " "
Average	10	118	M	1.04 " "	Average	10	190	M	1.02½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1863	10	100	M	$1.50 per day.
July 1863	10	80	M	1.50 " "
Jan. 1864	10	90	M	1.50 " "
July 1864	10	60	M	1.50 " "
Jan. 1865	10	5	M	1.50 " "
	10	70	M	2.00 " "
Average	10	75	M	1.96½ " "
July 1865	10	3	M	1.75 " "
	10	40	M	2.00 " "
Average	10	43	M	1.98½ " "
Jan. 1866	10	5	M	1.75 " "
	10	60	M	2.00 " "
Average	10	65	M	1.98 " "
July 1866	10	40	M	1.75 " "
	10	15	M	2.00 " "
Average	10	55	M	1.82 " "
Jan. 1867	10	35	M	1.75 " "
	10	8	M	2.00 " "
Average	10	43	M	1.79½ " "
July 1867	10	50	M	1.75 " "
	10	8	M	2.00 " "
Average	10	58	M	1.78½ " "
Jan. 1868	10	65	M	1.75 " "
	10	8	M	2.00 " "
Average	10	73	M	1.77½ " "
July 1868	10	15	M	1.75 " "
	10	50	M	2.00 " "
Average	10	65	M	1.94 " "
Jan. 1869	10	6	M	1.75 " "
	10	90	M	2.00 " "
Average	10	96	M	1.98½ " "
July 1869	10	45	M	1.75 " "
	10	60	M	2.00 " "
Average	10	105	M	1.89½ " "
Jan. 1870	10	8	M	1.75 " "
	10	85	M	2.00 " "
Average	10	93	M	1.98 " "
July 1870	10	6	M	1.75 " "
	10	60	M	2.00 " "
Average	10	66	M	1.97½ " "
Jan. 1871	10	5	M	1.75 " "
	10	65	M	2.00 " "
Average	10	70	M	1.98 " "
July 1871	10	2	M	1.75 " "
	10	110	M	2.00 " "
Average	10	112	M	1.99½ " "
Jan. 1872	10	35	M	$1.75 per day.
	10	40	M	2.00 " "
Average	10	75	M	1.88½ " "
July 1872	10	4	M	1.75 " "
	10	110	M	2.00 " "
Average	10	114	M	1.99 " "
Jan. 1873	10	2	M	1.75 " "
	10	100	M	2.00 " "
Average	10	102	M	1.99½ " "
July 1873	10	2	M	1.75 " "
	10	110	M	2.00 " "
Average	10	112	M	1.99½ " "
Jan. 1874	10	2	M	1.75 " "
	10	100	M	2.00 " "
Average	10	102	M	1.99½ " "
July 1874	10	2	M	1.75 " "
	10	110	M	2.00 " "
Average	10	112	M	1.99½ " "
Jan. 1875	10	80	M	1.75 " "
July 1875	10	160	M	1.75 " "
Jan. 1876	10	90	M	1.75 " "
July 1876	10	80	M	1.50 " "
Jan. 1877	10	65	M	1.50 " "
July 1877	10	65	M	1.50 " "
Jan. 1878	10	70	M	1.50 " "
July 1878	10	55	M	1.25 " "
Jan. 1879	10	50	M	1.25 " "
July 1879	10	5	M	1.00 " "
	10	40	M	1.25 " "
Average	10	45	M	1.22 " "
Jan. 1880	10	3	M	1.00 " "
	10	50	M	1.25 " "
Average	10	53	M	1.23½ " "
July 1880	10	20	M	1.25 " "
	10	25	M	1.50 " "
Average	10	45	M	1.39 " "
Jan. 1881	10	20	M	1.25 " "
	10	45	M	1.50 " "
Average	10	65	M	1.42½ " "
July 1881	10	15	M	1.25 " "
	10	50	M	1.50 " "
Average	10	65	M	1.44 " "
Jan. 1882	10	12	M	1.25 " "
	10	60	M	1.50 " "
Average	10	72	M	1.46 " "
July 1882	10	10	M	1.25 " "
	10	65	M	1.50 " "
	10	12	M	1.75 " "
Average	10	87	M	1.50½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

LABORERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883	10	10	M	$1.25 per day.	Jan. 1887	10	40	M	$1.50 per day.
	10	60	M	1.50 " "		10	35	M	1.75 " "
	10	40	M	1.75 " "	Average	10	75	M	1.61½ " "
Average	10	110	M	1.57 " "	July 1887	10	20	M	1.50 " "
July 1883	10	8	M	1.25 " "		10	25	M	1.75 " "
	10	60	M	1.50 " "	Average	10	45	M	1.64 " "
	10	10	M	1.75 " "	Jan. 1888	10	60	M	1.50 " "
Average	10	78	M	1.50½ " "		10	40	M	1.75 " "
Jan. 1884	10	10	M	1.25 " "	Average	10	100	M	1.60 " "
	10	70	M	1.50 " "	July 1888	10	45	M	1.50 " "
	10	10	M	1.75 " "		10	20	M	1.75 " "
Average	10	90	M	1.50 " "	Average	10	65	M	1.57½ " "
July 1884	10	8	M	1.25 " "	Jan. 1889	10	50	M	1.50 " "
	10	50	M	1.50 " "		10	30	M	1.75 " "
	10	10	M	1.75 " "	Average	10	80	M	1.59½ " "
Average	10	68	M	1.50½ " "	July 1889	10	40	M	1.50 " "
Jan. 1885	10	10	M	1.25 " "		10	20	M	1.75 " "
	10	70	M	1.50 " "	Average	10	60	M	1.58½ " "
	10	20	M	1.75 " "	Jan. 1890	10	30	M	1.50 " "
Average	10	100	M	1.52½ " "		10	30	M	1.75 " "
July 1885	10	7	M	1.25 " "	Average	10	60	M	1.62½ " "
	10	30	M	1.50 " "	July 1890	10	30	M	1.50 " "
	10	10	M	1.75 " "		10	20	M	1.75 " "
Average	10	47	M	1.51½ " "	Average	10	50	M	1.60 " "
Jan. 1886	10	7	M	1.25 " "	Jan. 1891	10	30	M	1.50 " "
	10	60	M	1.50 " "		10	30	M	1.75 " "
	10	30	M	1.75 " "	Average	10	60	M	1.62½ " "
Average	10	97	M	1.56 " "	July 1891	10	30	M	1.50 " "
July 1886	10	15	M	1.50 " "		10	20	M	1.75 " "
	10	20	M	1.75 " "	Average	10	50	M	1.60 " "
Average	10	35	M	1.64½ " "					

MACHINISTS.

Jan. 1863	10	1	M	2.75 per day.	July 1873	10	3	M	3.75 per day.
July 1863	10	1	M	2.75 " "	Jan. 1874	10	3	M	3.75 " "
Jan. 1864	10	1	M	2.75 " "	July 1874	10	3	M	3.75 " "
July 1864	10	1	M	2.75 " "	Jan. 1875	10	3	M	3.75 " "
Jan. 1865	10	1	M	3.25 " "	July 1875	10	3	M	3.75 " "
July 1865	10	1	M	3.25 " "	Jan. 1876	10	3	M	3.75 " "
Jan. 1866	10	1	M	3.25 " "	July 1876	10	3	M	3.75 " "
July 1866	10	1	M	3.25 " "	Jan. 1877	10	3	M	3.75 " "
Jan. 1867	10	1	M	3.25 " "	July 1877	10	3	M	3.75 " "
July 1867	10	1	M	3.25 " "	Jan. 1878	10	3	M	3.75 " "
Jan. 1868	10	1	M	3.25 " "					
July 1868	10	2	M	3.50 " "	July 1878	10	2	M	3.25 " "
Jan. 1869	10	2	M	3.50 " "		10	1	M	3.50 " "
July 1869	10	2	M	3.50 " "	Average	10	3	M	3.33½ " "
Jan. 1870	10	2	M	3.50 " "					
July 1870	10	2	M	3.50 " "	Jan. 1879	10	1	M	3.25 " "
Jan. 1871	10	2	M	3.50 " "		10	1	M	3.50 " "
July 1871	10	2	M	3.50 " "	Average	10	2	M	3.37½ " "
Jan. 1872	10	2	M	3.50 " "					
July 1872	10	3	M	3.75 " "					
Jan. 1873	10	3	M	3.75 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1879	10	2	M	$2.75 per day.	July 1886	10	2	M	$3.00 per day.
	10	1	M	3.00 " "	Jan. 1887	10	1	M	3.00 " "
Average	10	3	M	2.83⅓ " "	July 1887	10	1	M	2.75 " "
Jan. 1880	10	1	M	2.75 " "		10	1	M	3.00 " "
	10	1	M	3.00 " "	Average	10	2	M	2.87½ " "
Average	10	2	M	2.87½ " "	Jan. 1888	10	1	M	2.75 " "
July 1880	10	1	M	2.75 " "		10	1	M	3.00 " "
	10	1	M	3.00 " "	Average	10	2	M	2.87½ " "
Average	10	2	M	2.87½ " "	July 1888	10	1	M	2.75 " "
Jan. 1881	10	1	M	2.75 " "		10	1	M	3.00 " "
	10	1	M	3.00 " "	Average	10	2	M	2.87½ " "
Average	10	2	M	2.87½ " "	Jan. 1889	10	1	M	2.75 " "
July 1881	10	2	M	3.00 " "		10	1	M	3.00 " "
Jan. 1882	10	2	M	3.00 " "	Average	10	2	M	2.87½ " "
July 1882	10	2	M	3.00 " "	July 1889	10	1	M	2.75 " "
Jan. 1883	10	2	M	3.00 " "		10	1	M	3.00 " "
July 1883	10	1	M	2.75 " "	Average	10	2	M	2.87½ " "
	10	2	M	3.00 " "	Jan. 1890	10	1	M	2.75 " "
Average	10	3	M	2.91⅔ " "		10	1	M	3.00 " "
Jan. 1884	10	1	M	2.75 " "	Average	10	2	M	2.87½ " "
	10	2	M	3.00 " "	July 1890	10	1	M	2.75 " "
Average	10	3	M	2.91⅔ " "		10	1	M	3.00 " "
July 1884	10	1	M	2.75 " "	Average	10	2	M	2.87½ " "
	10	2	M	3.00 " "	Jan. 1891	10	1	M	2.75 " "
Average	10	3	M	2.91⅔ " "		10	1	M	3.00 " "
Jan. 1885	10	1	M	2.75 " "	Average	10	2	M	2.87½ " "
	10	2	M	3.00 " "	July 1891	10	1	M	2.75 " "
Average	10	3	M	2.91⅔ " "		10	1	M	3.00 " "
July 1885	10	2	M	3.00 " "	Average	10	2	M	2.87½ " "
Jan. 1886	10	2	M	3.00 " "					

PAINTERS.

July 1849	10	1	M	1.50 per day.	July 1866	10	1	M	3.25 per day.
Jan. 1856	10	1	M	1.50 " "	Jan. 1867	10	1	M	3.25 " "
July 1856	10	1	M	1.50 " "	July 1867	10	1	M	3.25 " "
Jan. 1857	10	1	M	1.50 " "	Jan. 1868	10	1	M	3.25 " "
July 1857	10	1	M	1.50 " "	July 1868	10	1	M	3.50 " "
Jan. 1858	10	1	M	1.50 " "	Jan. 1869	10	1	M	3.50 " "
July 1858	10	1	M	1.50 " "	July 1869	10	1	M	3.50 " "
Jan. 1859	10	1	M	1.50 " "	Jan. 1870	10	1	M	3.50 " "
July 1859	10	1	M	1.50 " "	July 1870	10	1	M	3.50 " "
Jan. 1860	10	1	M	1.50 " "	Jan. 1871	10	1	M	3.50 " "
July 1860	10	1	M	1.50 " "	July 1871	10	1	M	3.50 " "
Jan. 1861	10	1	M	1.50 " "	Jan. 1872	10	1	M	3.50 " "
July 1861	10	1	M	1.75 " "					
Jan. 1862	10	1	M	1.75 " "	July 1872	10	1	M	3.75 " "
July 1862	10	1	M	1.75 " "		10	1	M	4.00 " "
Jan. 1863	10	1	M	1.75 " "					
July 1863	10	1	M	2.50 " "	Average	10	2	M	3.87½ " "
Jan. 1864	10	1	M	2.25 " "					
July 1864	10	1	M	2.50 " "	Jan. 1873	10	1	M	3.75 " "
Jan. 1865	10	1	M	2.75 " "		10	1	M	4.00 " "
July 1865	10	2	M	3.00 " "					
Jan. 1866	10	2	M	3.00 " "	Average	10	2	M	3.87½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

PAINTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873	10	1	M	$3.75 per day.
	10	1	M	4.00 " "
Average	10	2	M	3.87½ " "
Jan. 1874	10	1	M	3.75 " "
	10	1	M	4.00 " "
Average	10	2	M	3.87½ " "
July 1874	10	1	M	3.75 " "
	10	1	M	4.00 " "
Average	10	2	M	3.87½ " "
Jan. 1875	10	1	M	3.75 " "
	10	1	M	4.00 " "
Average	10	2	M	3.87½ " "
July 1875	10	1	M	3.75 " "
	10	1	M	4.00 " "
Average	10	2	M	3.87½ " "
Jan. 1876	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	2	M	3.75 " "
July 1876	10	1	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	3	M	3.50 " "
Jan. 1877	10	1	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	3	M	3.50 " "
July 1877	10	1	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	3	M	3.50 " "
Jan. 1878	10	1	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	3	M	3.50 " "
July 1878	10	1	M	2.25 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	3	M	2.83⅓ " "
Jan. 1879	10	1	M	2.25 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	3	M	2.83⅓ " "
July 1879	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1880	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
July 1880	10	1	M	$2.75 per day.
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1881	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
July 1881	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1882	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
July 1882	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1883	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
July 1883	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1884	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
July 1884	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1885	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
July 1885	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1886	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
July 1886	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1887	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
July 1887	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

PAINTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1888	10	1	M	$2.75 per day.	Jan. 1890	10	1	M	$2.75 per day.
	10	1	M	3.00 " "		10	2	M	3.00 " "
Average	10	2	M	2.87½ " "	Average	10	3	M	2.91½ " "
July 1888	10	1	M	2.75 " "					
	10	1	M	3.00 " "	July 1890	10	1	M	2.75 " "
						10	2	M	3.00 " "
Average	10	2	M	2.87½ " "	Average	10	3	M	2.91½ " "
Jan. 1889	10	1	M	2.75 " "					
	10	2	M	3.00 " "	Jan. 1891	10	1	M	2.75 " "
						10	1	M	3.00 " "
Average	10	3	M	2.91½ " "	Average	10	2	M	2.87½ " "
July 1889	10	1	M	2.75 " "					
	10	1	M	3.00 " "					
Average	10	2	M	2.87½ " "	July 1891	10	2	M	3.00 " "

PAVERS.

Jan. 1840	10	1	M	1.12½ per day.	July 1856	10	2	M	1.25 per day.
July 1840	10	1	M	1.12½ " "	Jan. 1857	10	2	M	1.25 " "
Jan. 1841	10	1	M	1.25 " "	July 1857	10	2	M	1.25 " "
July 1841	10	1	M	1.25 " "	Jan. 1858	10	2	M	1.25 " "
Jan. 1842	10	1	M	1.25 " "	July 1858	10	2	M	1.25 " "
July 1842	10	1	M	1.25 " "	Jan. 1859	10	2	M	1.25 " "
Jan. 1843	10	1	M	1.12½ " "	July 1859	10	2	M	1.25 " "
July 1843	10	1	M	1.12½ " "	Jan. 1860	10	3	M	1.25 " "
Jan. 1844	10	1	M	1.12½ " "	July 1860	10	6	M	1.25 " "
July 1844	10	1	M	1.25 " "	Jan. 1861	10	6	M	1.25 " "
Jan. 1845	10	1	M	1.25 " "	July 1861	10	4	M	1.25 " "
July 1845	10	1	M	1.25 " "	Jan. 1862	10	3	M	1.25 " "
Jan. 1846	10	1	M	1.25 " "	July 1862	10	4	M	1.25 " "
July 1846	10	1	M	1.25 " "	Jan. 1863	10	4	M	1.25 " "
Jan. 1847	10	1	M	1.25 " "	July 1863	10	4	M	1.75 " "
July 1847	10	2	M	1.25 " "	Jan. 1864	10	1	M	1.50 " "
Jan. 1848	10	2	M	1.25 " "	July 1864	10	3	M	1.75 " "
July 1848	10	1	M	1.25 " "	Jan. 1865	10	4	M	2.00 " "
Jan. 1849	10	1	M	1.25 " "	July 1865	10	3	M	2.00 " "
July 1849	10	1	M	1.50 " "	Jan. 1866	10	2	M	2.00 " "
Jan. 1850	10	1	M	1.25 " "	July 1866	10	2	M	2.00 " "
July 1850	10	1	M	1.25 " "	Jan. 1867	10	2	M	2.00 " "
Jan. 1851	10	1	M	1.25 " "	July 1867	10	2	M	2.00 " "
July 1851	10	3	M	1.25 " "	Jan. 1868	10	2	M	2.00 " "
Jan. 1852	10	2	M	1.25 " "	July 1868	10	3	M	2.50 " "
July 1852	10	3	M	1.25 " "	Jan. 1869	10	3	M	2.50 " "
Jan. 1853	10	3	M	1.25 " "	July 1869	10	3	M	2.50 " "
July 1853	10	2	M	1.25 " "	Jan. 1870	10	3	M	2.50 " "
Jan. 1854	10	2	M	1.25 " "	July 1870	10	3	M	2.50 " "
					Jan. 1871	10	3	M	2.50 " "
July 1854	10	2	M	1.25 " "	July 1871	10	2	M	2.50 " "
	10	1	M	1.50 " "	Jan. 1872	10	2	M	2.50 " "
					July 1872	10	2	M	2.75 " "
Average	10	3	M	1.33½ " "	Jan. 1873	10	2	M	2.75 " "
					July 1873	10	1	M	2.75 " "
Jan. 1855	10	2	M	1.25 " "	Jan. 1874	10	1	M	2.75 " "
	10	1	M	1.50 " "	July 1874	10	1	M	2.75 " "
					Jan. 1875	10	1	M	2.50 " "
Average	10	3	M	1.33½ " "	July 1875	10	5	M	2.50 " "
					Jan. 1876	10	2	M	2.50 " "
July 1855	10	3	M	1.25 " "	July 1876	10	1	M	2.50 " "
	10	1	M	1.50 " "	Jan. 1877	10	1	M	2.50 " "
					July 1877	10	1	M	2.50 " "
Average	10	4	M	1.31½ " "	Jan. 1878	10	1	M	2.50 " "
					July 1878	10	1	M	2.00 " "
Jan. 1856	10	3	M	1.25 " "	Jan. 1879	10	1	M	2.00 " "
	10	1	M	1.50 " "	July 1879	10	2	M	1.75 " "
					Jan. 1880	10	3	M	1.75 " "
Average	10	4	M	1.31½ " "	July 1880	10	5	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

PAVERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881	10	5	M	$1.75 per day.	July 1884	10	2	M	$2.50 per day.
	10	2	M	2.50 " "	Jan. 1885	10	3	M	2.50 " "
					July 1885	10	3	M	2.50 " "
Average	10	7	M	1.96½ " "	Jan. 1886	10	3	M	2.50 " "
					July 1886	10	3	M	2.50 " "
July 1881	10	2	M	2.00 " "	Jan. 1887	10	3	M	2.50 " "
	10	2	M	2.50 " "	July 1887	10	3	M	2.50 " "
					Jan. 1888	10	3	M	2.50 " "
Average	10	4	M	2.25 " "	July 1888	10	3	M	2.50 " "
					Jan. 1889	10	3	M	2.50 " "
Jan. 1882	10	4	M	2.50 " "	July 1889	10	3	M	2.50 " "
July 1882	10	2	M	2.50 " "	Jan. 1890	10	3	M	2.50 " "
Jan. 1883	10	2	M	2.50 " "	July 1890	10	3	M	2.50 " "
July 1883	10	2	M	2.50 " "	Jan. 1891	10	3	M	2.50 " "
Jan. 1884	10	2	M	2.50 " "	July 1891	10	12	M	2.50 " "

ROOFERS.

Jan. 1863	10	2	M	3.00 per day.	July 1875	10	1	M	2.50 per day.
July 1863	10	2	M	3.00 " "	Jan. 1876	10	1	M	2.50 " "
Jan. 1864	10	2	M	3.00 " "	July 1876	10	1	M	2.50 " "
July 1864	10	2	M	3.00 " "	Jan. 1877	10	1	M	2.50 " "
Jan. 1865	10	2	M	3.00 " "	July 1877	10	1	M	2.50 " "
July 1865	10	2	M	3.00 " "	Jan. 1878	10	1	M	2.50 " "
Jan. 1866	10	1	M	3.00 " "	July 1878	10	1	M	2.50 " "
July 1866	10	1	M	3.00 " "	Jan. 1879	10	1	M	2.50 " "
Jan. 1867	10	1	M	3.00 " "	July 1879	10	1	M	2.25 " "
July 1867	10	1	M	3.50 " "	Jan. 1880	10	1	M	2.00 " "
Jan. 1868	10	1	M	3.50 " "	July 1880	10	1	M	2.00 " "
July 1868	10	1	M	3.50 " "	Jan. 1881	10	1	M	2.00 " "
Jan. 1869	10	1	M	3.75 " "	July 1881	10	1	M	2.00 " "
July 1869	10	1	M	3.75 " "	Jan. 1882	10	1	M	2.00 " "
Jan. 1870	10	1	M	3.75 " "	July 1882	10	1	M	2.00 " "
July 1870	10	1	M	3.75 " "	Jan. 1883	10	1	M	2.00 " "
Jan. 1871	10	1	M	3.75 " "	July 1883	10	1	M	2.25 " "
July 1871	10	1	M	3.75 " "	Jan. 1884	10	1	M	2.25 " "
Jan. 1872	10	1	M	3.75 " "	July 1884	10	1	M	2.25 " "
July 1872	10	1	M	4.00 " "	Jan. 1885	10	1	M	2.25 " "
Jan. 1873	10	1	M	4.00 " "	July 1885	10	1	M	2.25 " "
July 1873	10	1	M	4.00 " "	Jan. 1886	10	1	M	2.25 " "
Jan. 1874	10	1	M	4.00 " "	July 1886	10	1	M	2.25 " "
July 1874	10	1	M	3.00 " "	Jan. 1887	10	1	M	2.25 " "
Jan. 1875	10	1	M	2.50 " "					

STABLEMEN.

Jan. 1856	11	3	M	1.25 per day.	Jan. 1867	11	2	M	2.00 per day.
July 1856	11	3	M	1.25 " "	July 1867	11	2	M	2.25 " "
Jan. 1857	11	3	M	1.25 " "	Jan. 1868	11	1	M	2.25 " "
July 1857	11	3	M	1.25 " "	July 1868	11	1	M	2.25 " "
Jan. 1858	11	3	M	1.25 " "	Jan. 1869	11	2	M	2.25 " "
July 1858	11	3	M	1.25 " "	July 1869	11	2	M	2.25 " "
Jan. 1859	11	3	M	1.25 " "	Jan. 1870	11	2	M	2.25 " "
July 1859	11	3	M	1.25 " "	July 1870	11	2	M	2.25 " "
Jan. 1860	11	3	M	1.25 " "	Jan. 1871	11	2	M	2.25 " "
July 1867	11	3	M	1.25 " "	July 1871	11	1	M	2.25 " "
Jan. 1861	11	3	M	1.25 " "	Jan. 1872	11	2	M	2.25 " "
July 1861	11	3	M	1.25 " "					
Jan. 1862	11	3	M	1.25 " "	July 1872	11	1	M	2.50 " "
July 1862	11	3	M	1.25 " "		11	1	M	2.75 " "
Jan. 1863	11	3	M	1.30 " "					
July 1863	11	2	M	2.00 " "	Average	11	2	M	2.62½ " "
Jan. 1864	11	3	M	1.75 " "					
July 1864	11	1	M	2.00 " "					
Jan. 1865	11	2	M	2.00 " "	Jan. 1873	11	1	M	2.50 " "
July 1865	11	2	M	2.00 " "		11	1	M	2.75 " "
Jan. 1866	11	2	M	2.00 " "					
July 1866	11	2	M	2.00 " "	Average	11	2	M	2.62½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

STABLEMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873	11	1	M	$2.50 per day.
	11	1	M	2.75 " "
Average	11	2	M	2.62½ " "
Jan. 1874	11	1	M	2.50 " "
	11	1	M	2.75 " "
Average	11	2	M	2.62½ " "
July 1874	11	1	M	2.50 " "
	11	1	M	2.75 " "
Average	11	2	M	2.62½ " "
Jan. 1875	11	1	M	2.50 " "
	11	1	M	2.75 " "
Average	11	2	M	2.62½ " "
July 1875	11	1	M	2.50 " "
	11	1	M	2.75 " "
Average	11	2	M	2.62½ " "
Jan. 1876	11	1	M	2.50 " "
	11	1	M	2.75 " "
Average	11	2	M	2.62½ " "
July 1876	11	1	M	2.50 " "
	11	1	M	2.75 " "
Average	11	2	M	2.62½ " "
Jan. 1877	11	1	M	2.50 " "
	11	1	M	2.75 " "
Average	11	2	M	2.62½ " "
July 1877	11	1	M	2.50 " "
	11	1	M	2.75 " "
Average	11	2	M	2.62½ " "
Jan. 1878	11	1	M	2.50 " "
	11	1	M	2.75 " "
Average	11	2	M	2.62½ " "
July 1878	11	2	M	2.50 " "
Jan. 1879	11	2	M	2.50 " "
July 1879	11	1	M	2.00 " "
	11	1	M	2.50 " "
Average	11	2	M	2.25 " "
Jan. 1880	11	1	M	2.00 " "
	11	1	M	2.50 " "
Average	11	2	M	2.25 " "
July 1880	11	1	M	2.00 " "
	11	1	M	2.50 " "
Average	11	2	M	2.25 " "
Jan. 1881	11	1	M	$2.00 per day.
	11	1	M	2.50 " "
Average	11	2	M	2.25 " "
July 1881	11	1	M	2.00 " "
	11	1	M	2.50 " "
Average	11	2	M	2.25 " "
Jan. 1882	11	1	M	2.00 " "
	11	1	M	2.50 " "
Average	11	2	M	2.25 " "
July 1882	11	1	M	2.00 " "
	11	1	M	2.50 " "
Average	11	2	M	2.25 " "
Jan. 1883	11	1	M	2.00 " "
	11	1	M	2.50 " "
Average	11	2	M	2.25 " "
July 1883	11	1	M	2.00 " "
	11	1	M	2.50 " "
Average	11	2	M	2.25 " "
Jan. 1884	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	2	M	2.37½ " "
July 1884	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	2	M	2.37½ " "
Jan. 1885	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	2	M	2.37½ " "
July 1885	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	2	M	2.37½ " "
Jan. 1886	11	1	M	2.00 " "
	11	1	M	2.25 " "
Average	11	2	M	2.12½ " "
July 1886	11	1	M	2.00 " "
	11	1	M	2.25 " "
Average	11	2	M	2.12½ " "
Jan. 1887	11	1	M	2.25 " "
July 1887	11	1	M	2.25 " "
Jan. 1888	11	1	M	2.25 " "
July 1888	11	1	M	2.25 " "
Jan. 1889	11	1	M	2.25 " "
July 1889	11	1	M	2.25 " "
Jan. 1890	11	1	M	2.25 " "
July 1890	11	1	M	2.25 " "
Jan. 1891	11	1	M	2.25 " "
July 1891	11	1	M	2.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Concluded.

TINSMITHS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1872	10	1	M	$4.00 per day.	July 1882	10	1	M	$3.25 per day.
Jan. 1873	10	1	M	4.00 " "	Jan. 1883	10	1	M	3.25 " "
July 1873	10	1	M	4.00 " "	July 1883	10	1	M	3.25 " "
Jan. 1874	10	1	M	4.00 " "	Jan. 1884	10	1	M	3.25 " "
July 1874	10	1	M	4.00 " "	July 1884	10	1	M	3.25 " "
Jan. 1875	10	1	M	4.00 " "	Jan. 1885	10	1	M	3.25 " "
July 1875	10	1	M	4.00 " "	July 1885	10	1	M	3.25 " "
Jan. 1876	10	1	M	4.00 " "	Jan. 1886	10	1	M	3.25 " "
July 1876	10	1	M	4.00 " "	July 1886	10	1	M	3.25 " "
Jan. 1877	10	1	M	4.00 " "	Jan. 1887	10	1	M	3.25 " "
July 1877	10	1	M	4.00 " "	July 1887	10	1	M	3.25 " "
Jan. 1878	10	1	M	4.00 " "	Jan. 1888	10	1	M	3.25 " "
July 1878	10	1	M	3.50 " "	July 1888	10	1	M	3.25 " "
Jan. 1879	10	1	M	3.50 " "	Jan. 1889	10	1	M	3.25 " "
July 1879	10	1	M	3.00 " "	July 1889	10	1	M	3.25 " "
Jan. 1880	10	1	M	3.00 " "	Jan. 1890	10	1	M	3.25 " "
July 1880	10	1	M	3.00 " "	July 1890	10	1	M	3.25 " "
Jan. 1881	10	1	M	3.00 " "	Jan. 1891	10	1	M	3.25 " "
July 1881	10	1	M	3.00 " "	July 1891	10	1	M	3.25 " "
Jan. 1882	10	1	M	3.25 " "					

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO.

BLACKSMITHS.

Jan. 1849	10	1	M	1.50 per day.	July 1864	10	1	M	2.50 per day.
July 1849	10	1	M	1.50 " "		10	2	M	2.75 " "
Jan. 1850	10	1	M	1.50 " "					
July 1850	10	1	M	1.50 " "	Average	10	3	M	2.66½ " "
Jan. 1851	10	1	M	1.50 " "					
July 1851	10	1	M	1.50 " "	Jan. 1865	10	1	M	2.50 " "
Jan. 1852	10	1	M	1.50 " "		10	2	M	3.00 " "
July 1852	10	1	M	1.50 " "					
Jan. 1853	10	1	M	1.50 " "	Average	10	3	M	2.83½ " "
July 1853	10	1	M	1.50 " "					
Jan. 1854	10	1	M	1.50 " "	July 1865	10	1	M	2.50 " "
July 1854	10	1	M	1.50 " "		10	2	M	3.00 " "
Jan. 1855	10	1	M	1.50 " "					
July 1855	10	1	M	1.50 " "	Average	10	3	M	2.83½ " "
Jan. 1856	10	1	M	1.50 " "					
July 1856	10	1	M	1.75 " "	Jan. 1866	10	1	M	2.75 " "
Jan. 1857	10	1	M	1.75 " "		10	2	M	3.50 " "
July 1857	10	1	M	1.50 " "					
Jan. 1858	10	1	M	1.50 " "	Average	10	3	M	3.25 " "
July 1858	10	1	M	1.50 " "					
Jan. 1859	10	1	M	1.50 " "	July 1866	10	1	M	2.75 " "
July 1859	10	1	M	1.50 " "		10	2	M	3.50 " "
Jan. 1860	10	1	M	1.50 " "					
July 1860	10	1	M	1.50 " "	Average	10	3	M	3.25 " "
Jan. 1861	10	1	M	1.50 " "					
July 1861	10	1	M	1.50 " "	Jan. 1867	10	1	M	2.75 " "
Jan. 1862	10	1	M	1.50 " "		10	2	M	3.50 " "
July 1862	10	1	M	1.50 " "					
	10	2	M	1.75 " "	Average	10	3	M	3.25 " "
Average	10	3	M	1.66½ " "					
					July 1867	10	1	M	2.75 " "
Jan. 1863	10	1	M	1.75 " "		10	2	M	3.50 " "
	10	2	M	2.00 " "					
Average	10	3	M	1.91½ " "	Average	10	3	M	3.25 " "
July 1863	10	1	M	1.75 " "	Jan. 1868	10	1	M	2.75 " "
	10	2	M	2.25 " "		10	2	M	3.50 " "
Average	10	3	M	2.08½ " "	Average	10	3	M	3.25 " "
Jan. 1864	10	1	M	2.25 " "	July 1868	10	1	M	2.75 " "
	10	2	M	2.75 " "		10	2	M	3.50 " "
Average	10	3	M	2.58½ " "	Average	10	3	M	3.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO—Continued.

BLACKSMITHS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	10	1	M	$2.75 per day.
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
July 1869	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
Jan. 1870	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
July 1870	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
Jan. 1871	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
July 1871	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
Jan. 1872	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
July 1872	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
Jan. 1873	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
July 1873	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
Jan. 1874	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
July 1874	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
Jan. 1875	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
July 1875	10	1	M	2.75 " "
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1876	10	1	M	$2.75 per day.
	10	2	M	3.50 " "
Average	10	3	M	3.25 " "
July 1876	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	3	M	2.83½ " "
Jan. 1877	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	3	M	2.83½ " "
July 1877	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
Jan. 1878	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
July 1878	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
Jan. 1879	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
July 1879	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
Jan. 1880	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
July 1880	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
Jan. 1881	10	2	M	2.50 " "
July 1881	10	2	M	2.50 " "
Jan. 1882	10	2	M	2.50 " "
July 1882	10	2	M	2.50 " "
Jan. 1883	10	2	M	2.50 " "
July 1883	10	2	M	2.50 " "
Jan. 1884	10	2	M	2.50 " "
July 1884	10	2	M	2.50 " "
Jan. 1885	10	2	M	2.50 " "
July 1885	10	2	M	2.50 " "
Jan. 1886	10	2	M	2.25 " "
July 1886	10	2	M	2.25 " "
Jan. 1887	10	2	M	2.25 " "
July 1887	10	2	M	2.25 " "
Jan. 1888	10	2	M	2.25 " "
July 1888	10	2	M	2.25 " "
Jan. 1889	10	2	M	2.25 " "
July 1889	10	2	M	2.25 " "
Jan. 1890	10	2	M	2.25 " "
July 1890	10	2	M	2.25 " "
Jan. 1891	10	2	M	2.25 " "
July 1891	10	2	M	2.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO—Continued.

BLACKSMITHS' HELPERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1849	10	1	M	$0.87½ per day.	Jan. 1877	10	1	M	$1.75 per day.
July 1849	10	1	M	.87½ " "	July 1877	10	1	M	1.50 " "
Jan. 1850	10	1	M	.87½ " "	Jan. 1878	10	1	M	1.50 " "
July 1850	10	1	M	.87½ " "	July 1878	10	1	M	1.50 " "
Jan. 1851	10	1	M	.87½ " "	Jan. 1879	10	1	M	1.50 " "
July 1851	10	1	M	.87½ " "	July 1879	10	1	M	1.50 " "
Jan. 1852	10	1	M	.87½ " "	Jan. 1880	10	1	M	1.50 " "
July 1852	10	1	M	.87½ " "	July 1880	10	1	M	1.50 " "
Jan. 1853	10	1	M	1.00 " "					
July 1853	10	1	M	1.00 " "	Jan. 1881	10	1	M	1.50 " "
Jan. 1854	10	1	M	1.00 " "		10	1	M	1.75 " "
July 1854	10	1	M	1.00 " "					
Jan. 1855	10	1	M	1.00 " "	Average	10	2	M	1.62½ " "
July 1855	10	1	M	1.00 " "					
Jan. 1856	10	1	M	1.00 " "	July 1881	10	1	M	1.50 " "
July 1856	10	1	M	1.00 " "		10	1	M	1.75 " "
Jan. 1857	10	1	M	1.00 " "					
July 1857	10	1	M	1.00 " "	Average	10	2	M	1.62½ " "
Jan. 1858	10	1	M	1.00 " "					
July 1858	10	1	M	1.00 " "	Jan. 1882	10	1	M	1.50 " "
Jan. 1859	10	1	M	1.00 " "		10	1	M	1.75 " "
July 1859	10	1	M	1.00 " "					
Jan. 1860	10	1	M	1.00 " "	Average	10	2	M	1.62½ " "
July 1860	10	1	M	1.00 " "					
Jan. 1861	10	1	M	1.00 " "	July 1882	10	1	M	1.50 " "
July 1861	10	1	M	1.00 " "		10	1	M	1.75 " "
Jan. 1862	10	1	M	1.00 " "					
July 1862	10	1	M	1.15 " "	Average	10	2	M	1.62½ " "
Jan. 1863	10	1	M	1.15 " "					
July 1863	10	1	M	1.25 " "	Jan. 1883	10	1	M	1.50 " "
Jan. 1864	10	1	M	1.75 " "		10	1	M	1.75 " "
July 1864	10	1	M	2.00 " "					
Jan. 1865	10	1	M	2.00 " "	Average	10	2	M	1.62½ " "
July 1865	10	1	M	2.00 " "					
Jan. 1866	10	1	M	2.00 " "	July 1883	10	1	M	1.50 " "
July 1866	10	1	M	2.00 " "		10	1	M	1.75 " "
Jan. 1867	10	1	M	2.00 " "					
July 1867	10	1	M	2.00 " "	Average	10	2	M	1.62½ " "
Jan. 1868	10	1	M	2.00 " "					
July 1868	10	1	M	2.00 " "	Jan. 1884	10	2	M	1.50 " "
Jan. 1869	10	1	M	2.00 " "	July 1884	10	1	M	1.50 " "
July 1869	10	1	M	2.00 " "	Jan. 1885	10	1	M	1.50 " "
Jan. 1870	10	1	M	2.00 " "	July 1885	10	1	M	1.50 " "
July 1870	10	1	M	2.00 " "	Jan. 1886	10	1	M	1.25 " "
Jan. 1871	10	1	M	2.00 " "	July 1886	10	1	M	1.25 " "
July 1871	10	1	M	2.00 " "	Jan. 1887	10	1	M	1.25 " "
Jan. 1872	10	1	M	2.00 " "	July 1887	10	1	M	1.25 " "
July 1872	10	1	M	2.00 " "	Jan. 1888	10	1	M	1.50 " "
Jan. 1873	10	1	M	2.00 " "	July 1888	10	1	M	1.50 " "
July 1873	10	1	M	2.00 " "	Jan. 1889	10	1	M	1.50 " "
Jan. 1874	10	1	M	2.00 " "	July 1889	10	1	M	1.50 " "
July 1874	10	1	M	2.00 " "	Jan. 1890	10	1	M	1.50 " "
Jan. 1875	10	1	M	2.00 " "	July 1890	10	1	M	1.50 " "
July 1875	10	1	M	2.00 " "	Jan. 1891	10	1	M	1.65 " "
Jan. 1876	10	1	M	2.00 " "	July 1891	10	1	M	1.65 " "
July 1876	10	1	M	1.75 " "					

BRICKLAYERS.

Jan. 1856	10	2	M	2.00 per day.	Jan. 1863	10	2	M	2.75 per day.
July 1856	10	2	M	2.00 " "	July 1863	10	2	M	2.75 " "
Jan. 1857	10	2	M	2.00 " "	Jan. 1864	10	2	M	3.00 " "
July 1857	10	2	M	2.00 " "	July 1864	10	2	M	4.00 " "
Jan. 1858	10	2	M	2.00 " "	Jan. 1865	10	2	M	4.00 " "
July 1858	10	2	M	2.25 " "	July 1865	10	2	M	4.00 " "
Jan. 1859	10	2	M	2.25 " "	Jan. 1866	10	2	M	4.00 " "
July 1859	10	2	M	2.25 " "	July 1866	10	2	M	4.50 " "
Jan. 1860	10	2	M	2.25 " "	Jan. 1867	10	2	M	5.00 " "
July 1860	10	2	M	2.25 " "	July 1867	10	2	M	5.00 " "
Jan. 1861	10	2	M	2.25 " "	Jan. 1868	10	2	M	5.00 " "
July 1861	10	2	M	2.50 " "	July 1868	10	2	M	5.00 " "
Jan. 1862	10	2	M	2.50 " "	Jan. 1869	10	2	M	5.00 " "
July 1862	10	2	M	2.50 " "	July 1869	10	2	M	5.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO—Continued.

BRICKLAYERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1870	10	2	M	$5.00 per day.	Jan. 1883	10	14	M	$3.50 per day.
July 1870	10	2	M	5.00 " "	July 1883	10	9	M	3.50 " "
Jan. 1871	10	5	M	5.00 " "	Jan. 1884	10	9	M	3.50 " "
July 1871	10	5	M	5.00 " "	July 1884	10	1	M	3.83½ " "
Jan. 1872	10	5	M	5.00 " "					
July 1872	10	5	M	5.00 " "	Jan. 1885	10	9	M	3.50 " "
Jan. 1873	10	5	M	5.00 " "		10	1	M	3.83½ " "
July 1873	10	2	M	5.00 " "					
Jan. 1874	10	2	M	5.00 " "	Average	10	10	M	3.53½ " "
July 1874	10	2	M	5.00 " "					
Jan. 1875	10	2	M	4.50 " "	July 1885	10	9	M	3.50 " "
July 1875	10	2	M	4.50 " "	Jan. 1886	10	9	M	3.50 " "
Jan. 1876	10	2	M	4.50 " "	July 1886	10	9	M	3.50 " "
July 1876	10	2	M	4.00 " "	Jan. 1887	10	9	M	3.25 " "
Jan. 1877	10	2	M	4.00 " "	July 1887	10	9	M	3.25 " "
July 1877	10	2	M	4.00 " "	Jan. 1888	10	9	M	3.25 " "
Jan. 1878	10	2	M	4.00 " "	July 1888	10	9	M	3.25 " "
July 1878	10	2	M	4.00 " "	Jan. 1889	10	9	M	3.25 " "
Jan. 1879	10	4	M	4.00 " "	July 1889	10	9	M	3.25 " "
July 1879	10	4	M	4.00 " "	Jan. 1890	10	9	M	3.25 " "
Jan. 1880	10	4	M	3.75 " "	July 1890	10	9	M	3.25 " "
July 1880	10	9	M	3.50 " "	Jan. 1891	10	9	M	3.25 " "
	10	4	M	3.75 " "		10	5	M	4.00 " "
Average	10	13	M	3.57½ " "	Average	10	14	M	3.52 " "
Jan. 1881	10	13	M	3.50 " "	July 1891	10	9	M	3.25 " "
July 1881	10	13	M	3.50 " "		10	5	M	4.00 " "
Jan. 1882	10	13	M	3.50 " "					
July 1882	10	12	M	3.50 " "	Average	10	14	M	3.52 " "

CARPENTERS.

July 1856	10	4	M	1.50 per day.	July 1863	10	2	M	2.00 per day.
Jan. 1857	10	4	M	1.50 " "	Jan. 1864	10	2	M	2.25 " "
July 1857	10	4	M	1.50 " "	July 1864	10	1	M	2.50 " "
Jan. 1858	10	4	M	1.50 " "	Jan. 1865	10	1	M	2.50 " "
July 1858	10	4	M	1.50 " "	July 1865	10	1	M	3.00 " "
Jan. 1859	10	4	M	1.50 " "	Jan. 1866	10	1	M	3.00 " "
					July 1866	10	1	M	2.75 " "
July 1859	10	4	M	1.50 " "	Jan. 1867	10	1	M	2.50 " "
	10	1	M	1.62½ " "	July 1867	10	1	M	2.50 " "
					Jan. 1868	10	1	M	2.50 " "
Average	10	5	M	1.52½ " "	July 1868	10	1	M	2.25 " "
					Jan. 1869	10	1	M	2.25 " "
Jan. 1860	10	4	M	1.50 " "	July 1869	10	1	M	2.25 " "
	10	1	M	1.62½ " "	Jan. 1870	10	1	M	2.25 " "
					July 1870	10	1	M	2.25 " "
Average	10	5	M	1.52½ " "	Jan. 1871	10	1	M	2.25 " "
					July 1871	10	1	M	2.25 " "
July 1860	10	1	M	1.50 " "	Jan. 1872	10	1	M	2.25 " "
	10	1	M	1.62½ " "	July 1872	10	1	M	2.50 " "
					Jan. 1873	10	1	M	2.50 " "
Average	10	2	M	1.56½ " "	July 1873	10	1	M	2.50 " "
					Jan. 1874	10	1	M	2.50 " "
Jan. 1861	10	1	M	1.50 " "	July 1874	10	1	M	2.50 " "
	10	1	M	1.62½ " "	Jan. 1875	10	1	M	2.50 " "
					July 1875	10	1	M	2.50 " "
Average	10	2	M	1.56½ " "	Jan. 1876	10	1	M	2.50 " "
					July 1876	10	1	M	2.50 " "
July 1861	10	1	M	1.50 " "	Jan. 1877	10	1	M	2.50 " "
	10	1	M	1.62½ " "	July 1877	10	1	M	2.00 " "
					Jan. 1878	10	1	M	2.00 " "
Average	10	2	M	1.56½ " "	July 1878	10	1	M	2.00 " "
Jan. 1862	10	1	M	1.50 " "	Jan. 1879	10	1	M	2.00 " "
	10	1	M	1.62½ " "	July 1879	10	1	M	2.00 " "
					Jan. 1880	10	1	M	2.50 " "
Average	10	2	M	1.56½ " "	July 1880	10	1	M	2.50 " "
					Jan. 1881	10	1	M	2.50 " "
July 1862	10	2	M	1.62½ " "	July 1881	10	1	M	2.50 " "
Jan. 1863	10	2	M	1.75 " "	Jan. 1882	10	1	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO—Continued.

CARPENTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1882	10	1	M	$2.50 per day.	July 1887	10	1	M	$2.50 per day.
Jan. 1883	10	3	M	2.50 " "	Jan. 1888	10	1	M	2.50 " "
July 1883	10	1	M	2.50 " "	July 1888	10	1	M	2.50 " "
Jan. 1884	10	1	M	2.50 " "	Jan. 1889	10	1	M	2.50 " "
July 1884	10	1	M	2.50 " "	July 1889	10	1	M	2.50 " "
Jan. 1885	10	1	M	2.50 " "	Jan. 1890	10	1	M	2.50 " "
July 1885	10	1	M	2.50 " "	July 1890	10	1	M	2.50 " "
Jan. 1886	10	1	M	2.50 " "	Jan. 1891	10	1	M	2.50 " "
July 1886	10	1	M	2.50 " "	July 1891	10	1	M	2.50 " "
Jan. 1887	10	1	M	2.50 " "					

COAL HEAVERS.

July 1879	12	37	M	1.75 per day.	Jan. 1886	12	70	M	1.75 per day.
Jan. 1880	12	37	M	1.75 " "	July 1886	12	70	M	1.75 " "
July 1880	12	37	M	1.75 " "	Jan. 1887	12	70	M	1.75 " "
Jan. 1881	12	50	M	1.75 " "	July 1887	12	70	M	1.75 " "
July 1881	12	50	M	1.75 " "	Jan. 1888	12	70	M	1.75 " "
Jan. 1882	12	50	M	1.75 " "	July 1888	12	70	M	1.75 " "
July 1882	12	50	M	1.75 " "	Jan. 1889	12	70	M	1.75 " "
Jan. 1883	12	67	M	1.75 " "	July 1889	12	70	M	1.75 " "
July 1883	12	50	M	1.75 " "	Jan. 1890	12	70	M	1.75 " "
Jan. 1884	12	70	M	1.75 " "	July 1890	12	70	M	1.75 " "
July 1884	12	70	M	1.75 " "	Jan. 1891	12	70	M	1.75 " "
Jan. 1885	12	70	M	1.75 " "	July 1891	12	70	M	1.75 " "
July 1885	12	70	M	1.75 " "					

FIREMEN.

Jan. 1849	12	22	M	1.15 per day.	July 1864	12	85	M	2.00 per day.
July 1849	12	22	M	1.15 " "		12	38	M	2.25 " "
Jan. 1850	12	22	M	1.15 " "					
July 1850	12	22	M	1.15 " "	Average	12	123	M	2.07½ " "
Jan. 1851	12	2	M	1.15 " "	Jan. 1865	12	85	M	2.00 " "
	12	20	M	1.26½ " "		12	38	M	2.25 " "
Average	12	22	M	1.25½ " "	Average	12	123	M	2.07½ " "
July 1851	12	28	M	1.26½ " "	July 1865	12	85	M	2.00 " "
	12	2	M	1.38 " "		12	38	M	2.25 " "
Average	12	30	M	1.27½ " "	Average	12	123	M	2.07½ " "
Jan. 1852	12	28	M	1.26½ " "	Jan. 1866	12	123	M	2.25 " "
July 1852	12	28	M	1.26½ " "	July 1866	12	133	M	2.25 " "
Jan. 1853	12	28	M	1.26½ " "	Jan. 1867	12	153	M	2.25 " "
July 1853	12	28	M	1.26½ " "	July 1867	12	153	M	2.25 " "
Jan. 1854	12	34	M	1.26½ " "	Jan. 1868	12	153	M	2.25 " "
July 1854	12	34	M	1.26½ " "	July 1868	12	153	M	2.25 " "
Jan. 1855	12	34	M	1.26½ " "	Jan. 1869	12	153	M	2.25 " "
July 1855	12	34	M	1.26½ " "	July 1869	12	175	M	2.25 " "
Jan. 1856	12	34	M	1.26½ " "	Jan. 1870	12	257	M	2.25 " "
July 1856	12	40	M	1.26½ " "	July 1870	12	257	M	2.25 " "
Jan. 1857	12	40	M	1.26½ " "	Jan. 1871	12	102	M	2.25 " "
July 1857	12	40	M	1.26½ " "		12	155	M	2.50 " "
Jan. 1858	12	40	M	1.22½ " "	Average	12	257	M	2.40 " "
July 1858	12	40	M	1.22½ " "	July 1871	12	102	M	2.25 " "
Jan. 1859	12	58	M	1.22½ " "		12	155	M	2.50 " "
July 1859	12	58	M	1.22½ " "	Average	12	257	M	2.40 " "
Jan. 1860	12	58	M	1.22½ " "	Jan. 1872	12	102	M	2.25 " "
July 1860	12	58	M	1.22½ " "		12	155	M	2.50 " "
Jan. 1861	12	58	M	1.22½ " "	Average	12	257	M	2.40 " "
July 1861	12	75	M	1.22½ " "					
Jan. 1862	12	75	M	1.22½ " "					
July 1862	12	75	M	1.38 " "					
Jan. 1863	12	75	M	1.42 " "					
July 1863	12	75	M	1.72½ " "					
Jan. 1864	12	90	M	2.50 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO—Continued.

FIREMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1872	12	102	M	$2.25 per day.
	12	170	M	2.50 " "
Average	12	272	M	2.40½ " "
Jan. 1873	12	84	M	2.50 " "
July 1873	12	84	M	2.50 " "
Jan. 1874	12	124	M	2.50 " "
July 1874	12	30	M	2.25 " "
	12	100	M	2.50 " "
Average	12	130	M	2.44 " "
Jan. 1875	12	30	M	2.25 " "
	12	100	M	2.50 " "
Average	12	130	M	2.44 " "
July 1875	12	30	M	2.25 " "
	12	42	M	2.50 " "
Average	12	72	M	2.39½ " "
Jan. 1876	12	30	M	2.25 " "
	12	42	M	2.50 " "
Average	12	72	M	2.39½ " "
July 1876	12	30	M	2.25 " "
	12	42	M	2.50 " "
Average	12	72	M	2.39½ " "
Jan. 1877	12	30	M	2.25 " "
	12	42	M	2.50 " "
Average	12	72	M	2.39½ " "
July 1877	12	30	M	2.00 " "
	12	50	M	2.25 " "
Average	12	80	M	2.15½ " "
Jan. 1878	12	30	M	2.00 " "
	12	50	M	2.25 " "
Average	12	80	M	2.15½ " "
July 1878	12	30	M	2.00 " "
	12	50	M	2.25 " "
Average	12	80	M	2.15½ " "
Jan. 1879	12	30	M	2.00 " "
	12	50	M	2.25 " "
Average	12	80	M	2.15½ " "
July 1879	12	30	M	2.00 " "
	12	70	M	2.25 " "
Average	12	100	M	2.17½ " "
Jan. 1880	12	30	M	2.00 " "
	12	70	M	2.25 " "
Average	12	100	M	2.17½ " "
July 1880	12	30	M	2.00 " "
	12	70	M	2.25 " "
Average	12	100	M	2.17½ " "
Jan. 1881	12	30	M	$2.00 per day.
	12	70	M	2.25 " "
Average	12	100	M	2.17½ " "
July 1881	12	30	M	2.00 " "
	12	91	M	2.25 " "
Average	12	121	M	2.19 " "
Jan. 1882	12	30	M	2.00 " "
	12	91	M	2.25 " "
Average	12	121	M	2.19 " "
July 1882	12	30	M	2.00 " "
	12	91	M	2.25 " "
Average	12	121	M	2.19 " "
Jan. 1883	12	30	M	2.00 " "
	12	91	M	2.25 " "
Average	12	121	M	2.19 " "
July 1883	12	30	M	2.00 " "
	12	106	M	2.25 " "
Average	12	136	M	2.19½ " "
Jan. 1884	12	30	M	2.00 " "
	12	106	M	2.25 " "
Average	12	136	M	2.19½ " "
July 1884	12	36	M	2.00 " "
Jan. 1885	12	36	M	2.00 " "
	12	102	M	2.25 " "
Average	12	138	M	2.18½ " "
July 1885	12	36	M	2.00 " "
	12	102	M	2.25 " "
Average	12	138	M	2.18½ " "
Jan. 1886	12	36	M	2.00 " "
	12	102	M	2.25 " "
Average	12	138	M	2.18½ " "
July 1886	12	36	M	2.00 " "
	12	102	M	2.25 " "
Average	12	138	M	2.18½ " "
Jan. 1887	12	36	M	2.00 " "
	12	102	M	2.25 " "
Average	12	138	M	2.18½ " "
July 1887	12	36	M	2.00 " "
	12	102	M	2.25 " "
Average	12	138	M	2.18½ " "
Jan. 1888	12	36	M	2.00 " "
	12	102	M	2.25 " "
Average	12	138	M	2.18½ " "
July 1888	12	36	M	2.00 " "
	12	102	M	2.25 " "
Average	12	138	M	2.18½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO—Continued.

FIREMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1889	12	36	M	$2.00 per day.	July 1890	12	36	M	$2.00 per day.
	12	102	M	2.25 " "		12	102	M	2.25 " "
Average	12	138	M	2.18½ " "	Average	12	138	M	2.18½ " "
July 1889	12	36	M	2.00 " "	Jan. 1891	12	36	M	2.00 " "
	12	102	M	2.25 " "		12	102	M	2.25 " "
Average	12	138	M	2.18½ " "	Average	12	138	M	2.18½ " "
Jan. 1890	12	36	M	2.00 " "	July 1891	12	36	M	2.00 " "
	12	102	M	2.25 " "		12	102	M	2.25 " "
Average	12	138	M	2.18½ " "	Average	12	138	M	2.18½ " "

LABORERS.

Jan. 1849	10	18	M	.87½ per day.	July 1870	10	10	M	1.50 per day.
July 1849	10	38	M	.87½ " "	Jan. 1871	10	10	M	1.75 " "
Jan. 1850	10	38	M	.87½ " "	July 1871	10	60	M	1.75 " "
July 1850	10	38	M	.87½ " "	Jan. 1872	10	60	M	1.75 " "
Jan. 1851	10	53	M	.87½ " "	July 1872	10	30	M	1.75 " "
July 1851	10	53	M	.87½ " "	Jan. 1873	10	30	M	1.50 " "
					July 1873	10	30	M	1.50 " "
Jan. 1852	10	35	M	.87½ " "	Jan. 1874	10	30	M	1.50 " "
	10	18	M	1.00 " "	July 1874	10	32	M	1.50 " "
					Jan. 1875	10	32	M	1.50 " "
Average	10	53	M	.91½ " "	July 1875	10	32	M	1.50 " "
					Jan. 1876	10	32	M	1.50 " "
July 1852	10	35	M	.87½ " "	July 1876	10	34	M	1.50 " "
	10	18	M	1.00 " "	Jan. 1877	10	34	M	1.50 " "
					July 1877	10	40	M	1.25 " "
Average	10	53	M	.91½ " "	Jan. 1878	10	40	M	1.25 " "
					July 1878	10	40	M	1.25 " "
Jan. 1853	10	38	M	1.00 " "	Jan. 1879	10	40	M	1.25 " "
July 1853	10	38	M	1.00 " "	July 1879	10	40	M	1.25 " "
Jan. 1854	10	38	M	1.00 " "	Jan. 1880	10	40	M	1.25 " "
July 1854	10	38	M	1.00 " "	July 1880	10	40	M	1.25 " "
Jan. 1855	10	38	M	1.00 " "	Jan. 1881	10	40	M	1.25 " "
July 1855	10	38	M	1.00 " "	July 1881	10	46	M	1.25 " "
Jan. 1856	10	38	M	1.00 " "	Jan. 1882	10	46	M	1.25 " "
July 1856	10	51	M	1.00 " "	July 1882	10	46	M	1.25 " "
Jan. 1857	10	33	M	1.00 " "	Jan. 1883	10	106	M	1.25 " "
July 1857	10	33	M	1.00 " "	July 1883	10	46	M	1.25 " "
Jan. 1858	10	33	M	1.00 " "	Jan. 1884	10	77	M	1.25 " "
July 1858	10	33	M	1.00 " "	July 1884	10	77	M	1.25 " "
Jan. 1859	10	33	M	1.00 " "	Jan. 1885	10	77	M	1.25 " "
July 1859	10	33	M	1.00 " "	July 1885	10	77	M	1.25 " "
Jan. 1860	10	40	M	1.00 " "	Jan. 1886	10	77	M	1.25 " "
July 1860	10	40	M	1.00 " "	July 1886	10	77	M	1.25 " "
Jan. 1861	10	40	M	1.00 " "	Jan. 1887	10	77	M	1.25 " "
July 1861	10	40	M	1.00 " "	July 1887	10	77	M	1.25 " "
Jan. 1862	10	40	M	1.00 " "	Jan. 1888	10	80	M	1.25 " "
July 1862	10	65	M	1.12½ " "	July 1888	10	80	M	1.25 " "
Jan. 1863	10	65	M	1.15 " "	Jan. 1889	10	80	M	1.25 " "
July 1863	10	65	M	1.25 " "	July 1889	10	80	M	1.25 " "
Jan. 1864	10	111	M	1.50 " "	Jan. 1890	10	110	M	1.25 " "
July 1864	10	46	M	1.75 " "	July 1890	10	110	M	1.25 " "
Jan. 1865	10	10	M	1.75 " "					
July 1865	10	10	M	1.75 " "	Jan. 1891	10	110	M	1.25 " "
Jan. 1866	10	10	M	1.90 " "		10	23	M	1.50 " "
July 1866	10	10	M	1.90 " "					
Jan. 1867	10	10	M	1.90 " "	Average	10	133	M	1.29½ " "
July 1867	10	10	M	1.90 " "					
Jan. 1868	10	10	M	1.75 " "	July 1891	10	110	M	1.25 " "
July 1868	10	10	M	1.75 " "		10	23	M	1.50 " "
Jan. 1869	10	10	M	1.75 " "					
July 1869	10	10	M	1.75 " "	Average	10	133	M	1.29½ " "
Jan. 1870	10	10	M	1.50 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO—Concluded.

WATCHMEN.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1856	12	2	M	$1.15 per day.	July 1874	12	3	M	$2.00 per day.
Jan. 1857	12	2	M	1.15 " "	Jan. 1875	12	3	M	2.00 " "
July 1857	12	2	M	1.15 " "	July 1875	12	3	M	2.00 " "
Jan. 1858	12	2	M	1.10 " "	Jan. 1876	12	3	M	1.75 " "
July 1858	12	2	M	1.10 " "	July 1876	12	3	M	1.75 " "
Jan. 1859	12	2	M	1.10 " "	Jan. 1877	12	3	M	1.75 " "
July 1859	12	2	M	1.10 " "	July 1877	12	3	M	1.75 " "
Jan. 1860	12	2	M	1.10 " "	Jan. 1878	12	3	M	1.75 " "
July 1860	12	2	M	1.10 " "	July 1878	12	3	M	1.75 " "
Jan. 1861	12	2	M	1.10 " "	Jan. 1879	12	3	M	1.75 " "
July 1861	12	2	M	1.12½ " "	July 1879	12	3	M	1.75 " "
Jan. 1862	12	2	M	1.12½ " "	Jan. 1880	12	3	M	1.75 " "
July 1862	12	2	M	1.25 " "	July 1880	12	3	M	1.75 " "
Jan. 1863	12	2	M	1.25 " "	Jan. 1881	12	3	M	2.00 " "
July 1863	12	2	M	1.50 " "	July 1881	12	3	M	2.00 " "
Jan. 1864	12	2	M	1.75 " "	Jan. 1882	12	3	M	2.00 " "
July 1864	12	2	M	1.75 " "	July 1882	12	3	M	2.00 " "
Jan. 1865	12	2	M	1.75 " "	Jan. 1883	12	3	M	2.00 " "
July 1865	12	2	M	1.75 " "	July 1883	12	3	M	2.00 " "
Jan. 1866	12	2	M	1.75 " "	Jan. 1884	12	3	M	2.00 " "
July 1866	12	2	M	1.75 " "	July 1884	12	3	M	2.00 " "
Jan. 1867	12	2	M	1.75 " "	Jan. 1885	12	3	M	2.00 " "
July 1867	12	2	M	1.75 " "	July 1885	12	3	M	2.00 " "
Jan. 1868	12	2	M	1.75 " "	Jan. 1886	12	3	M	2.00 " "
July 1868	12	2	M	1.75 " "	July 1886	12	3	M	2.00 " "
Jan. 1869	12	2	M	1.75 " "	Jan. 1887	12	3	M	2.00 " "
July 1869	12	2	M	1.75 " "	July 1887	12	3	M	2.00 " "
Jan. 1870	12	2	M	1.50 " "	Jan. 1888	12	3	M	2.00 " "
July 1870	12	2	M	1.50 " "	July 1888	12	3	M	2.00 " "
Jan. 1871	12	2	M	1.75 " "	Jan. 1889	12	3	M	2.00 " "
July 1871	12	2	M	1.75 " "	July 1889	12	3	M	2.00 " "
Jan. 1872	12	2	M	1.75 " "	Jan. 1890	12	3	M	2.00 " "
July 1872	12	2	M	2.00 " "	July 1890	12	3	M	2.00 " "
Jan. 1873	12	2	M	2.00 " "	Jan. 1891	12	3	M	2.00 " "
July 1873	12	3	M	2.00 " "	July 1891	12	3	M	2.00 " "
Jan. 1874	12	3	M	2.00 " "					

LEATHER: ESTABLISHMENT No. 49, DELAWARE.

BEAMSMEN.

Jan. 1866	10	1	M	1.60 per day.	July 1869	10	6	M	2.00 per day.
	10	2	M	2.00 " "					
					Jan. 1870	10	4	M	1.66⅔ " "
Average	10	3	M	1.86⅔ " "		10	2	M	1.83⅓ " "
					Average	10	6	M	1.72 " "
July 1866	10	1	M	1.10 " "					
	10	2	M	2.00 " "	July 1870	10	7	M	1.66⅔ " "
						10	2	M	2.00 " "
Average	10	3	M	1.70 " "					
					Average	10	9	M	1.74 " "
Jan. 1867	10	1	M	1.83⅓ " "					
					Jan. 1871	10	7	M	1.66⅔ " "
July 1867	10	1	M	1.67 " "		10	1	M	1.75 " "
	10	2	M	2.00 " "		10	1	M	2.00 " "
Average	10	3	M	1.89 " "	Average	10	9	M	1.71 " "
Jan. 1868	10	1	M	1.66⅔ " "	July 1871	10	8	M	1.66⅔ " "
	10	1	M	1.83⅓ " "		10	1	M	1.75 " "
						10	1	M	2.16⅔ " "
Average	10	2	M	1.75 " "	Average	10	5	M	1.78 " "
July 1868	10	2	M	1.83⅓ " "	Jan. 1872	10	3	M	1.83⅓ " "
	10	4	M	2.00 " "		10	1	M	1.92 " "
						10	1	M	2.33⅓ " "
Average	10	6	M	1.94⅓ " "					
					Average	10	5	M	1.95 " "
Jan. 1869	10	7	M	2.00 " "					
	10	1	M	2.17 " "					
Average	10	8	M	2.02 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued.

BEAMSMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1872	10	1	M	$1.83½ per day.
	10	1	M	1.92 " "
	10	1	M	2.18 " "
Average	10	3	M	1.98 " "
Jan. 1873	10	6	M	1.83½ " "
	10	1	M	1.92 " "
Average	10	7	M	1.84½ " "
July 1873	10	1	M	1.83½ " "
	10	1	M	1.92 " "
	10	1	M	2.19 " "
	10	1	M	2.29 " "
Average	10	4	M	2.06 " "
Jan. 1874	10	2	M	1.66½ " "
	10	2	M	1.83½ " "
	10	1	M	2.17 " "
	10	1	M	2.33½ " "
Average	10	6	M	1.91⅓ " "
July 1874	10	1	M	1.00 " "
	10	1	M	1.33⅓ " "
	10	3	M	1.66⅔ " "
	10	3	M	1.75 " "
Average	10	8	M	1.57½ " "
Jan. 1875	10	1	M	1.33⅓ " "
	10	3	M	1.66⅔ " "
	10	2	M	1.75 " "
	10	1	M	2.16½ " "
Average	10	7	M	1.71½ " "
July 1875	10	1	M	1.66⅔ " "
	10	1	M	1.75 " "
	10	2	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	5	M	1.81⅓ " "
Jan. 1876	10	1	M	1.66⅔ " "
	10	2	M	1.83½ " "
Average	10	3	M	1.78 " "
July 1876	10	1	M	1.50 " "
	10	1	M	1.58⅓ " "
	10	2	M	1.66⅔ " "
Average	10	4	M	1.60⅓ " "
Jan. 1877	10	1	M	1.33⅓ " "
	10	1	M	1.58⅓ " "
	10	1	M	1.66⅔ " "
Average	10	3	M	1.53 " "
July 1877	10	1	M	1.16⅔ " "
	10	2	M	1.33⅓ " "
	10	1	M	1.50 " "
	10	1	M	1.58⅓ " "
Average	10	5	M	1.38⅓ " "
Jan. 1878	10	1	M	1.50 " "
	10	1	M	1.58⅓ " "
Average	10	2	M	1.54⅙ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1878	10	1	M	$1.16½ per day.
	10	1	M	1.33½ " "
	10	1	M	1.58⅓ " "
Average	10	3	M	1.36 " "
Jan. 1879	10	2	M	1.16½ " "
	10	1	M	1.33½ " "
	10	1	M	1.50 " "
	10	1	M	1.58⅓ " "
Average	10	5	M	1.35 " "
July 1879	10	1	M	1.25 " "
	10	1	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	1.58⅓ " "
Average	10	5	M	1.43½ " "
Jan. 1880	10	1	M	1.16⅔ " "
	10	2	M	1.33⅓ " "
	10	1	M	1.50 " "
	10	1	M	1.58⅓ " "
	10	2	M	1.66⅔ " "
Average	10	7	M	1.46⅓ " "
July 1880	10	1	M	1.58⅓ " "
	10	1	M	1.92 " "
	10	1	M	2.00 " "
Average	10	3	M	1.83⅓ " "
Jan. 1881	10	1	M	1.92 " "
	10	1	M	2.00 " "
Average	10	2	M	1.96 " "
July 1881	10	1	M	1.66⅔ " "
Jan. 1882	10	1	M	1.16½ " "
	10	1	M	1.50 " "
	10	2	M	1.66⅔ " "
Average	10	4	M	1.50 " "
July 1882	10	1	M	1.50 " "
Jan. 1883	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	5	M	1.66⅔ " "
Average	10	7	M	1.58 " "
July 1883	10	1	M	1.25 " "
	10	5	M	1.66⅔ " "
Average	10	6	M	1.59½ " "
Jan. 1884	10	1	M	1.50 " "
	10	7	M	1.66⅔ " "
Average	10	8	M	1.64⅓ " "
July 1884	10	1	M	1.50 " "
	10	7	M	1.66⅔ " "
	10	1	M	2.00 " "
Average	10	9	M	1.68⅓ " "
Jan. 1885	10	1	M	1.50 " "
	10	1	M	2.50 " "
Average	10	2	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued.

BEAMSMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1885	10	3	M	$1.50 per day.	Jan. 1889	10	3	M	$1.58 per day.
	10	1	M	2.50 " "		10	1	M	2.33½ " "
Average	10	4	M	1.75 " "	Average	10	4	M	1.77 " "
Jan. 1886	10	3	M	1.50 " "					
	10	1	M	2.00 " "	July 1889	10	1	M	1.58 " "
						10	1	M	2.33½ " "
Average	10	4	M	1.62½ " "	Average	10	2	M	1.95½ " "
July 1886	10	2	M	1.50 " "					
	10	2	M	1.66½ " "	Jan. 1890	10	1	M	1.58 " "
						10	1	M	2.33½ " "
Average	10	4	M	1.58½ " "	Average	10	2	M	1.95½ " "
Jan. 1887	10	1	M	1.33½ " "					
	10	3	M	1.50 " "					
	10	1	M	1.66½ " "	July 1890	10	2	M	1.58 " "
	10	1	M	2.00 " "		10	1	M	2.33½ " "
Average	10	6	M	1.58½ " "	Average	10	3	M	1.83 " "
July 1887	10	2	M	1.66½ " "					
Jan. 1888	10	1	M	1.58 " "	Jan. 1891	10	3	M	1.58 " "
	10	1	M	2.33½ " "		10	1	M	2.33½ " "
Average	10	2	M	1.95½ " "	Average	10	4	M	1.77 " "
July 1888	10	2	M	1.58 " "	July 1891	10	3	M	1.58 " "
	10	1	M	2.33½ " "		10	1	M	2.33½ " "
Average	10	3	M	1.83 " "	Average	10	4	M	1.77 " "

FINISHERS.

July 1871	10	3	M	1.66½ per day.	Jan. 1875–cone'd.	10	13	M	1.66½ per day.
Jan. 1872	10	4	M	1.83½ " "		10	4	M	1.75 " "
						10	3	M	1.83½ " "
July 1872	10	1	M	1.50 " "		10	1	M	2.00 " "
	10	5	M	1.83½ " "		10	1	M	2.16½ " "
	10	1	M	1.91 " "					
					Average	10	24	M	1.71 " "
Average	10	7	M	1.80 " "					
					July 1875	10	7	M	1.66½ " "
Jan. 1873	10	1	M	1.50 " "		10	3	M	1.83½ " "
	10	2	M	1.83½ " "		10	1	M	1.92 " "
						10	1	M	2.00 " "
Average	10	3	M	1.72½ " "		10	1	M	2.16½ " "
July 1873	10	9	M	1.83½ " "	Average	10	13	M	1.79 " "
Jan. 1874	10	2	M	1.33½ " "	Jan. 1876	10	1	M	1.50 " "
	10	2	M	1.50 " "		10	2	M	1.66½ " "
	10	17	M	1.66½ " "		10	5	M	1.83½ " "
	10	1	M	1.72 " "		10	1	M	2.00 " "
	10	2	M	1.75 " "					
	10	2	M	1.83½ " "					
					Average	10	9	M	1.78 " "
Average	10	26	M	1.65 " "					
					July 1876	10	6	M	1.50 " "
July 1874	10	2	M	1.33½ " "		10	4	M	1.66½ " "
	10	11	M	1.66½ " "		10	3	M	1.83½ " "
	10	3	M	1.75 " "		10	1	M	2.00 " "
	10	2	M	1.83½ " "					
	10	1	M	2.00 " "	Average	10	14	M	1.65½ " "
	10	1	M	2.08½ " "					
					Jan. 1877	10	4	M	1.50 " "
Average	10	20	M	1.70 " "		10	5	M	1.66½ " "
						10	1	M	1.83½ " "
Jan. 1875	10	1	M	1.33½ " "					
	10	1	M	1.40 " "	Average	10	10	M	1.61½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued.

FINISHERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1877	10	1	M	$1.16½ per day.
	10	1	M	1.33½ " "
	10	9	M	1.50 " "
	10	6	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	18	M	1.54½ " "
Jan. 1878	10	1	M	1.16½ " "
	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	4	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	9	M	1.54½ " "
July 1878	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	2	M	1.58½ " "
Jan. 1879	10	4	M	1.16½ " "
	10	1	M	1.33½ " "
	10	1	M	1.42 " "
	10	3	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	11	M	1.38½ " "
July 1879	10	1	M	1.16½ " "
	10	2	M	1.33½ " "
	10	2	M	1.42 " "
	10	4	M	1.50 " "
	10	1	M	1.66½ " "
	10	2	M	1.83½ " "
Average	10	12	M	1.50 " "
Jan. 1880	10	1	M	1.16½ " "
	10	2	M	1.33½ " "
	10	1	M	1.42 " "
	10	3	M	1.50 " "
	10	9	M	1.66½ " "
Average	10	16	M	1.54½ " "
July 1880	10	5	M	1.33½ " "
	10	2	M	1.50 " "
	10	7	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	15	M	1.54½ " "
Jan. 1881	10	1	M	1.16½ " "
	10	4	M	1.33½ " "
	10	2	M	1.50 " "
	10	6	M	1.66½ " "
Average	10	13	M	1.50 " "
July 1881	10	1	M	1.16½ " "
	10	4	M	1.33½ " "
	10	5	M	1.50 " "
	10	7	M	1.66½ " "
Average	10	17	M	1.51 " "
Jan. 1882	10	4	M	1.50 " "
	10	7	M	1.66½ " "
Average	10	11	M	1.60½ " "
July 1882	10	1	M	1.33½ " "
	10	2	M	1.50 " "
	10	6	M	1.66½ " "
Average	10	9	M	1.59 " "
Jan. 1883	10	1	M	$1.16½ per day.
	10	10	M	1.66½ " "
Average	10	11	M	1.62 " "
July 1883	10	1	M	1.16½ " "
	10	9	M	1.66½ " "
Average	10	10	M	1.61½ " "
Jan. 1884	10	1	M	1.16½ " "
	10	1	M	1.25 " "
	10	10	M	1.66½ " "
	10	1	M	2.16½ " "
Average	10	13	M	1.63½ " "
July 1884	10	1	M	1.16½ " "
	10	2	M	1.33½ " "
	10	1	M	1.50 " "
	10	9	M	1.66½ " "
Average	10	13	M	1.56½ " "
Jan. 1885	10	1	M	1.16½ " "
	10	2	M	1.50 " "
	10	6	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	10	M	1.61½ " "
July 1885	10	1	M	1.16½ " "
	10	1	M	1.33½ " "
	10	2	M	1.50 " "
	10	7	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	12	M	1.59½ " "
Jan. 1886	10	1	M	1.16½ " "
	10	1	M	1.33½ " "
	10	1	M	1.50 " "
	10	12	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	16	M	1.62½ " "
July 1886	10	4	M	1.66½ " "
Jan. 1887	10	1	M	1.50 " "
	10	4	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	6	M	1.69½ " "
July 1887	10	4	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	5	M	1.73 " "
Jan. 1888	10	4	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	5	M	1.73 " "
July 1888	10	6	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	7	M	1.71½ " "
Jan. 1889	10	6	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	7	M	1.71½ " "
July 1889	10	4	M	1.66½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued.

FINISHERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890	10	6	M	$1.66⅔ per day.
	10	1	M	2.00 " "
Average	10	7	M	1.71½ " "
July 1890	10	8	M	$1.66⅔ per day.
Jan. 1891	10	6	M	1.66⅔ " "
July 1891	10	5	M	1.66⅔ " "

FOREMEN.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1867	10	1	M	3.33⅓ per day.
July 1867	10	1	M	3.33⅓ " "
Jan. 1868	10	1	M	3.33⅓ " "
July 1868	10	1	M	2.00 " "
	10	1	M	3.33⅓ " "
Average	10	2	M	2.66⅔ " "
Jan. 1869	10	1	M	2.00 " "
	10	1	M	3.33⅓ " "
Average	10	2	M	2.66⅔ " "
July 1869	10	1	M	2.00 " "
	10	1	M	3.33⅓ " "
Average	10	2	M	2.66⅔ " "
Jan. 1870	10	1	M	2.00 " "
	10	1	M	3.33⅓ " "
Average	10	2	M	2.66⅔ " "
July 1870	10	1	M	3.33⅓ " "
Jan. 1871	10	1	M	3.33⅓ " "
July 1871	10	1	M	2.50 " "
	10	1	M	3.33⅓ " "
Average	10	2	M	2.91⅔ " "
Jan. 1872	10	1	M	3.00 " "
	10	1	M	3.33⅓ " "
Average	10	2	M	3.16⅔ " "
July 1872	10	1	M	1.83⅓ " "
	10	1	M	3.00 " "
Average	10	2	M	2.41½ " "
Jan. 1873	10	1	M	2.26 " "
	10	1	M	3.00 " "
Average	10	2	M	2.63 " "
July 1873	10	1	M	2.66⅔ " "
	10	1	M	3.33⅓ " "
Average	10	2	M	3.00 " "
Jan. 1874	10	1	M	2.44 " "
	10	1	M	3.33⅓ " "
Average	10	2	M	2.88⅓ " "
July 1874	10	1	M	2.83⅓ " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	3	M	3.11 " "
Jan. 1875	10	1	M	3.33⅓ " "
	10	1	M	3.50 " "
Average	10	2	M	3.41½ " "
July 1875	10	1	M	3.33⅓ per day.
	10	1	M	3.50 " "
Average	10	2	M	3.41½ " "
Jan. 1876	10	1	M	3.33⅓ " "
	10	1	M	3.50 " "
Average	10	2	M	3.41½ " "
July 1876	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	2	M	3.37½ " "
Jan. 1877	10	1	M	3.00 " "
	10	1	M	3.16⅔ " "
Average	10	2	M	3.08⅓ " "
July 1877	10	1	M	3.00 " "
	10	1	M	3.16⅔ " "
Average	10	2	M	3.08⅓ " "
Jan. 1878	10	1	M	3.00 " "
	10	1	M	3.16⅔ " "
Average	10	2	M	3.08⅓ " "
July 1878	10	2	M	2.50 " "
Jan. 1879	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	2	M	2.75 " "
July 1879	10	1	M	2.83⅓ " "
	10	1	M	3.00 " "
Average	10	2	M	2.91⅔ " "
Jan. 1880	10	1	M	3.00 " "
	10	1	M	3.33⅓ " "
Average	10	2	M	3.16⅔ " "
July 1880	10	1	M	3.16⅔ " "
	10	1	M	3.33⅓ " "
Average	10	2	M	3.25 " "
Jan. 1881	10	1	M	3.16⅔ " "
	10	1	M	3.33⅓ " "
Average	10	2	M	3.25 " "
July 1881	10	1	M	3.16⅔ " "
	10	1	M	3.33⅓ " "
Average	10	2	M	3.25 " "
Jan. 1882	10	1	M	3.16⅔ " "
	10	1	M	3.33⅓ " "
Average	10	2	M	3.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued.

FOREMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1882	10	1	M	$3.16½ per day.	Jan. 1884	10	1	M	$3.33½ per day.
	10	1	M	3.33½ " "	July 1884	10	1	M	3.33½ " "
Average	10	2	M	3.25 " "	Jan. 1885	10	1	M	3.33½ " "
					July 1885	10	1	M	3.33½ " "
					Jan. 1886	10	1	M	3.33½ " "
					July 1886	10	1	M	3.33½ " "
Jan. 1883	10	1	M	3.16½ " "	Jan. 1887	10	1	M	4.16⅔ " "
	10	1	M	3.33½ " "	July 1887	10	1	M	4.16⅔ " "
					Jan. 1888	10	1	M	4.16⅔ " "
Average	10	2	M	3.25 " "	July 1888	10	1	M	4.16⅔ " "
					Jan. 1889	10	1	M	4.16⅔ " "
					July 1889	10	1	M	4.16⅔ " "
July 1883	10	1	M	3.16½ " "	Jan. 1890	10	1	M	4.16⅔ " "
	10	1	M	3.33½ " "	July 1890	10	1	M	4.16⅔ " "
					Jan. 1891	10	1	M	4.16⅔ " "
Average	10	2	M	3.25 " "	July 1891	10	1	M	4.16⅔ " "

PUTTERS-OUT.

July 1873	10	1	M	1.92 per day.	Jan. 1878	10	2	M	1.66½ per day.
Jan. 1874	10	1	M	1.92 " "		10	1	M	1.83½ " "
	10	4	M	2.00 " "	Average	10	3	M	1.72 " "
	10	1	M	2.50 " "					
	10	1	M	2.66½ " "	July 1878	10	1	M	1.66⅔ " "
					Jan. 1879	10	4	M	1.66⅔ " "
Average	10	7	M	2.15½ " "					
					July 1879	10	1	M	1.50 " "
July 1874	10	1	M	1.92 " "		10	1	M	1.66½ " "
	10	3	M	2.00 " "		10	3	M	1.83½ " "
	10	2	M	2.50 " "		10	1	M	2.00 " "
	10	1	M	2.66½ " "					
	10	1	M	3.00 " "	Average	10	6	M	1.78 " "
Average	10	8	M	2.32½ " "	Jan. 1880	10	1	M	1.66½ " "
						10	1	M	1.83½ " "
Jan. 1875	10	2	M	2.00 " "		10	4	M	2.00 " "
	10	2	M	2.66⅔ " "					
					Average	10	6	M	1.91½ " "
Average	10	4	M	2.33½ " "					
					July 1880	10	2	M	1.83½ " "
July 1875	10	2	M	2.00 " "		10	5	M	2.00 " "
	10	1	M	2.66½ " "					
					Average	10	7	M	1.95½ " "
Average	10	3	M	2.22 " "					
					Jan. 1881	10	2	M	1.83½ " "
Jan. 1876	10	1	M	2.00 " "		10	4	M	2.00 " "
	10	2	M	2.66½ " "					
					Average	10	6	M	1.94½ " "
Average	10	3	M	2.44½ " "					
					July 1882	10	1	M	1.66⅔ " "
July 1876	10	1	M	1.83½ " "	Jan. 1883	10	1	M	1.66⅔ " "
	10	1	M	2.00 " "	July 1883	10	1	M	1.66⅔ " "
					July 1884	10	2	M	1.66⅔ " "
Average	10	2	M	1.91½ " "	Jan. 1885	10	1	M	1.66⅔ " "
					July 1885	10	1	M	1.66⅔ " "
Jan. 1877	10	1	M	1.50 " "	Jan. 1886	10	2	M	1.66⅔ " "
	10	1	M	1.66⅔ " "	Jan. 1887	10	2	M	1.50 " "
	10	1	M	1.83⅓ " "	Jan. 1888	10	1	M	1.50 " "
					July 1888	10	1	M	1.66⅔ " "
Average	10	3	M	1.66⅔ " "					
					Jan. 1889	10	1	M	1.50 " "
July 1877	10	2	M	1.66⅔ " "		10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "					
					Average	10	2	M	1.58½ " "
Average	10	3	M	1.72 " "	July 1889	10	1	M	1.66⅔ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued.

TANNERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866	10	2	M	$1.82 per day.
July 1868	10	1	M	1.66⅔ " "
	10	1	M	1.92 " "
	10	6	M	2.00 " "
Average	10	8	M	1.95 " "
Jan. 1869	10	1	M	1.83⅓ " "
	10	7	M	2.00 " "
Average	10	8	M	1.98 " "
July 1869	10	1	M	1.83⅓ " "
	10	7	M	2.00 " "
Average	10	8	M	1.98 " "
Jan. 1870	10	5	M	1.66⅔ " "
July 1870	10	2	M	1.66⅔ " "
Jan. 1871	10	2	M	1.66⅔ " "
	10	1	M	2.16⅔ " "
Average	10	3	M	1.83 " "
July 1871	10	1	M	1.33⅓ " "
	10	3	M	1.66⅔ " "
	10	1	M	2.16⅔ " "
Average	10	5	M	1.70 " "
Jan. 1872	10	3	M	1.83⅓ " "
	10	1	M	1.92 " "
	10	1	M	2.33⅓ " "
Average	10	5	M	1.95 " "
July 1872	10	3	M	1.83⅓ " "
	10	1	M	2.11 " "
Average	10	4	M	1.90⅝ " "
Jan. 1873	10	4	M	1.83⅓ " "
	10	1	M	2.00 " "
	10	1	M	2.55 " "
Average	10	6	M	1.98 " "
July 1873	10	3	M	1.83⅓ " "
Jan. 1874	10	1	M	1.75 " "
	10	1	M	1.83⅓ " "
	10	1	M	2.00 " "
Average	10	3	M	1.86 " "
July 1874	10	1	M	1.33⅓ " "
	10	1	M	1.66⅔ " "
	10	2	M	1.83⅓ " "
	10	1	M	1.92 " "
	10	2	M	2.00 " "
Average	10	7	M	1.80 " "
Jan. 1875	10	1	M	1.33⅓ " "
	10	1	M	1.75 " "
	10	1	M	1.92 " "
	10	1	M	2.00 " "
	10	1	M	2.16⅔ " "
Average	10	5	M	1.83⅓ " "
July 1875	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1876	10	1	M	$1.75 per day.
	10	2	M	2.00 " "
Average	10	3	M	1.91½ " "
July 1876	10	1	M	1.58⅓ " "
	10	2	M	2.00 " "
Average	10	3	M	1.86 " "
Jan. 1877	10	1	M	1.58½ " "
	10	2	M	1.83½ " "
Average	10	3	M	1.75 " "
July 1877	10	1	M	1.58½ " "
	10	1	M	1.66½ " "
	10	2	M	1.83½ " "
Average	10	4	M	1.73 " "
Jan. 1878	10	1	M	1.58½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.71 " "
July 1878	10	1	M	1.58½ " "
Jan. 1 79	10	3	M	1.50 " "
	10	1	M	1.58½ " "
	10	1	M	1.66½ " "
Average	10	5	M	1.55 " "
July 1879	10	1	M	1.58½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.71 " "
Jan. 1880	10	1	M	1.33½ " "
	10	1	M	1.42 " "
	10	1	M	1.75 " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	5	M	1.67 " "
July 1880	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	5	M	1.81½ " "
Jan. 1881	10	1	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	2	M	1.79½ " "
July 1881	10	1	M	1.50 " "
Jan. 1882	10	1	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	2	M	1.66½ " "
July 1882	10	1	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	2	M	1.66½ " "
Jan. 1883	10	1	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	2	M	1.66½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Concluded.

TANNERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	2	M	$1.50 per day.
	10	1	M	1.83½ " "
Average	10	3	M	1.61 " "
Jan. 1884	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.62½ " "
July 1884	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.62½ " "
Jan. 1885	10	1	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	2	M	1.66⅔ " "
July 1885	10	2	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	3	M	1.61 " "
Jan. 1886	10	2	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	3	M	1.61 " "
July 1886	10	1	M	1.66⅔ " "
Jan. 1887	10	1	M	1.66⅔ " "
	10	2	M	1.83½ " "
Average	10	3	M	1.78 " "
Jan. 1888	10	1	M	$1.66⅔ per day.
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
July 1888	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	3	M	1.66⅔ " "
Jan. 1889	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	3	M	1.66⅔ " "
July 1889	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	3	M	1.66⅔ " "
Jan. 1890	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	3	M	1.66⅔ " "
July 1890	10	2	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	3	M	1.61 " "
Jan. 1891	10	1	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	2	M	1.66⅔ " "
July 1891	10	3	M	1.50 " "

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS.

BLACKERS.

Jan. 1856	11	2	M	1.00 per day.
July 1856	11	2	M	1.00 " "
Jan. 1857	11	1	M	1.00 " "
	11	1	M	1.16⅔ " "
Average	11	2	M	1.08⅓ " "
July 1857	11	1	M	1.00 " "
	11	1	M	1.16⅔ " "
Average	11	2	M	1.08⅓ " "
Jan. 1858	11	1	M	1.00 " "
July 1858	11	1	M	1.00 " "
Jan. 1859	11	1	M	1.00 " "
July 1859	11	1	M	1.00 " "
Jan. 1860	11	1	M	1.00 " "
July 1860	11	1	M	1.00 " "
Jan. 1861	11	1	M	1.00 " "
July 1861	11	1	M	1.00 " "
Jan. 1862	11	1	M	1.16⅔ " "
July 1862	11	1	M	1.16⅔ " "
Jan. 1863	11	1	M	1.16⅔ " "
July 1863	11	1	M	1.33⅓ " "
Jan. 1864	11	1	M	1.33⅓ " "
July 1864	11	1	M	1.33⅓ " "
Jan. 1865	11	2	M	1.33⅓ " "
July 1865	11	2	M	1.33⅓ " "
Jan. 1866	11	1	M	1.33⅓ per day.
	11	1	M	1.33⅓ " "
Average	11	2	M	1.58½ " "
July 1866	11	1	M	1.33⅓ " "
	11	1	M	1.83⅓ " "
Average	11	2	M	1.58½ " "
Jan. 1867	11	1	M	1.33⅓ " "
	11	1	M	1.83⅓ " "
Average	11	2	M	1.58½ " "
July 1867	11	1	M	1.33⅓ " "
	11	1	M	1.83⅓ " "
Average	11	2	M	1.58½ " "
Jan. 1868	11	1	M	1.33⅓ " "
	11	1	M	1.66⅔ " "
	11	3	M	1.83⅓ " "
Average	11	5	M	1.70 " "
July 1868	11	1	M	1.33⅓ " "
	11	1	M	1.66⅔ " "
	11	3	M	1.83⅓ " "
Average	11	5	M	1.70 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

BLACKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	11	1	M	$1.66½ per day.
	11	4	M	1.83½ " "
	11	2	M	2.00 " "
Average	11	7	M	1.86 " "
July 1869	11	3	M	1.83½ " "
	11	4	M	2.00 " "
Average	11	7	M	1.93 " "
Jan. 1870	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
	10	6	M	2.00 " "
Average	10	8	M	1.93½ " "
July 1870	10	2	M	1.66½ " "
	10	6	M	2.00 " "
Average	10	8	M	1.91½ " "
Jan. 1871	10	2	M	1.66½ " "
	10	4	M	2.00 " "
Average	10	6	M	1.89 " "
July 1871	10	2	M	1.66½ " "
	10	4	M	2.00 " "
Average	10	6	M	1.89 " "
Jan. 1872	10	4	M	1.66½ " "
	10	4	M	2.00 " "
Average	10	8	M	1.83½ " "
July 1872	10	4	M	1.66½ " "
	10	4	M	2.00 " "
Average	10	8	M	1.83½ " "
Jan. 1873	10	3	M	1.66½ " "
	10	6	M	2.00 " "
Average	10	9	M	1.89 " "
July 1873	10	3	M	1.66½ " "
	10	6	M	2.00 " "
Average	10	9	M	1.89 " "
Jan. 1874	10	2	M	1.66½ " "
	10	4	M	2.00 " "
Average	10	6	M	1.89 " "
July 1874	10	2	M	1.66½ " "
	10	4	M	2.00 " "
Average	10	6	M	1.89 " "
Jan. 1875	10	3	M	1.66½ " "
July 1875	10	3	M	1.66½ " "
Jan. 1876	10	1	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	3	M	1.61 " "
July 1876	10	1	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	3	M	1.61 " "
Jan. 1877	10	1	M	$1.50 per day.
	10	2	M	1.66½ " "
Average	10	3	M	1.61 " "
July 1877	10	3	M	1.66½ " "
Jan. 1878	10	3	M	1.66½ " "
July 1878	10	3	M	1.66½ " "
Jan. 1879	10	1	M	1.50 " "
	10	2	M	1.58½ " "
	10	1	M	1.66½ " "
Average	10	4	M	1.58½ " "
July 1879	10	2	M	1.41½ " "
	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	4	M	1.50 " "
Jan. 1880	10	3	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.91½ " "
Average	10	6	M	1.62½ " "
July 1880	10	3	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.91½ " "
Average	10	6	M	1.62½ " "
Jan. 1881	10	3	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.91½ " "
Average	10	6	M	1.62½ " "
July 1881	10	3	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.91½ " "
Average	10	6	M	1.62½ " "
Jan. 1882	10	3	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.91½ " "
Average	10	6	M	1.62½ " "
July 1882	10	3	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.91½ " "
Average	10	6	M	1.62½ " "
Jan. 1883	10	5	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.91½ " "
Average	10	8	M	1.59½ " "
July 1883	10	4	M	1.50 " "
	10	3	M	1.66½ " "
	10	1	M	1.91½ " "
Average	10	8	M	1.61½ " "
Jan. 1884	10	2	M	1.50 " "
	10	5	M	1.66½ " "
	10	1	M	1.91½ " "
Average	10	8	M	1.65½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

BLACKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1884	10	2	M	$1.50 per day.	Jan. 1887	10	1	M	$1.50 per day.
	10	5	M	1.66⅔ " "		10	2	M	1.66⅔ " "
	10	1	M	1.91⅔ " "		10	1	M	1.83⅓ " "
Average	10	8	M	1.65½ " "	Average	10	4	M	1.66⅔ " "
Jan. 1885	10	4	M	1.50 " "	July 1887	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "		10	1	M	1.66⅔ " "
	10	1	M	1.75 " "		10	2	M	1.83⅓ " "
Average	10	6	M	1.57 " "	Average	10	4	M	1.71 " "
July 1885	10	4	M	1.50 " "	Jan. 1888	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "		10	2	M	1.66⅔ " "
	10	1	M	1.75 " "					
Average	10	6	M	1.57 " "	Average	10	4	M	1.58⅓ " "
Jan. 1886	10	1	M	1.33⅓ " "					
	10	3	M	1.50 " "	July 1888	10	2	M	1.50 " "
	10	2	M	1.66⅔ " "		10	2	M	1.66⅔ " "
	10	1	M	1.75 " "					
Average	10	7	M	1.56 " "	Average	10	4	M	1.58⅓ " "
July 1886	10	3	M	1.50 " "	Jan. 1889	10	2	M	1.50 " "
	10	2	M	1.66⅔ " "	July 1889	10	2	M	1.50 " "
	10	1	M	1.75 " "	Jan. 1890	10	1	M	1.50 " "
	10	1	M	1.83⅓ " "	July 1890	10	1	M	1.66⅔ " "
					Jan. 1891	10	1	M	1.66⅔ " "
Average	10	7	M	1.63 " "	July 1891	10	1	M	1.66⅔ " "

CELLAR HANDS.

Jan. 1856	11	8	M	.83⅓ per day.	Jan. 1862	11	1	M	1.16⅔ per day.
	11	5	M	1.00 " "		11	1	M	1.33⅓ " "
Average	11	13	M	.90 " "	Average	11	2	M	1.25 " "
July 1856	11	8	M	.83⅓ " "	July 1862	11	1	M	1.16⅔ " "
	11	5	M	1.00 " "		11	1	M	1.33⅓ " "
Average	11	13	M	.90 " "	Average	11	2	M	1.25 " "
Jan. 1857	11	2	M	.83⅓ " "	Jan. 1863	11	1	M	1.33⅓ " "
	11	2	M	1.00 " "		11	1	M	1.50 " "
	11	1	M	1.16⅔ " "					
Average	11	5	M	.96⅔ " "	Average	11	2	M	1.41⅔ " "
July 1857	11	2	M	.83⅓ " "	July 1863	11	2	M	1.50 " "
	11	2	M	1.00 " "	Jan. 1864	11	1	M	1.66⅔ " "
	11	1	M	1.16⅔ " "		11	1	M	1.83⅓ " "
Average	11	5	M	.96⅔ " "	Average	11	2	M	1.75 " "
Jan. 1858	11	1	M	.83⅓ " "	July 1864	11	2	M	1.83⅓ " "
	11	1	M	1.16⅔ " "	Jan. 1865	11	2	M	2.00 " "
					July 1865	11	2	M	2.00 " "
Average	11	2	M	1.00 " "	Jan. 1866	11	2	M	2.00 " "
July 1858	11	1	M	.83⅓ " "	July 1866	11	1	M	1.83⅓ " "
	11	1	M	1.16⅔ " "		11	1	M	2.00 " "
Average	11	2	M	1.00 " "	Average	11	2	M	1.91⅔ " "
Jan. 1859	11	1	M	1.00 " "	Jan. 1867	11	2	M	1.83⅓ " "
July 1859	11	1	M	1.00 " "	July 1867	11	2	M	1.83⅓ " "
Jan. 1860	11	1	M	1.00 " "	Jan. 1868	11	1	M	1.66⅔ " "
July 1860	11	1	M	1.00 " "		11	3	M	1.83⅓ " "
Jan. 1861	11	1	M	1.16⅔ " "					
July 1861	11	1	M	1.16⅔ " "	Average	11	4	M	1.79⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

CELLAR HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868	11	1	M	$1.66½ per day.
	11	3	M	1.83½ " "
Average	11	4	M	1.79½ " "
Jan. 1869	11	1	M	1.66½ " "
	11	2	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	4	M	1.83½ " "
July 1869	11	1	M	1.66½ " "
	11	3	M	2.00 " "
Average	11	4	M	1.91½ " "
Jan. 1870	10	1	M	1.66½ " "
	10	4	M	2.00 " "
Average	10	5	M	1.93½ " "
July 1870	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
	10	3	M	2.00 " "
Average	10	5	M	1.90 " "
Jan. 1871	10	2	M	1.83½ " "
	10	3	M	2.00 " "
Average	10	5	M	1.93½ " "
July 1871	10	2	M	1.83½ " "
	10	3	M	2.00 " "
Average	10	5	M	1.93½ " "
Jan. 1872	10	2	M	1.83½ " "
	10	3	M	2.00 " "
Average	10	5	M	1.93½ " "
July 1872	10	2	M	1.83½ " "
	10	3	M	2.00 " "
Average	10	5	M	1.93½ " "
Jan. 1873	10	1	M	1.83½ " "
	10	4	M	2.00 " "
Average	10	5	M	1.96½ " "
July 1873	10	1	M	1.83½ " "
	10	4	M	2.00 " "
Average	10	5	M	1.96½ " "
Jan. 1874	10	1	M	1.83½ " "
	10	4	M	2.00 " "
Average	10	5	M	1.96½ " "
July 1874	10	1	M	1.83½ " "
	10	4	M	2.00 " "
Average	10	5	M	1.96½ " "
Jan. 1875	10	1	M	1.50 " "
	10	3	M	1.66½ " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	6	M	1.72 " "
July 1875	10	4	M	$1.66½ per day.
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	6	M	1.75 " "
Jan. 1876	10	4	M	1.50 " "
	10	1	M	1.66½ " "
	10	2	M	1.83½ " "
Average	10	7	M	1.62 " "
July 1876	10	4	M	1.50 " "
	10	1	M	1.66½ " "
	10	2	M	1.83½ " "
Average	10	7	M	1.62 " "
Jan. 1877	10	4	M	1.50 " "
	10	2	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	7	M	1.66½ " "
July 1877	10	3	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	7	M	1.71½ " "
Jan. 1878	10	1	M	1.33½ " "
	10	4	M	1.66½ " "
	10	2	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	8	M	1.71 " "
July 1878	10	1	M	1.33½ " "
	10	4	M	1.66½ " "
	10	2	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	8	M	1.71 " "
Jan. 1879	10	3	M	1.50 " "
	10	3	M	1.58½ " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	8	M	1.61½ " "
July 1879	10	4	M	1.41½ " "
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	8	M	1.54 " "
Jan. 1880	10	2	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
	10	2	M	2.00 " "
Average	10	6	M	1.73½ " "
July 1880	10	2	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
	10	2	M	2.00 " "
Average	10	6	M	1.73½ " "
Jan. 1881	10	2	M	1.50 " "
	10	1	M	1.66½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

CELLAR HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881–conc'd.	10	1	M	$1.75 per day.	July 1885	10	2	M	$1.33½ per day.
	10	1	M	2.00 " "		10	2	M	1.66⅔ " "
						10	1	M	1.83⅓ " "
Average	10	5	M	1.68½ " "	Average	10	5	M	1.56⅔ " "
July 1881	10	2	M	1.50 " "	Jan. 1886	10	1	M	1.33½ " "
	10	1	M	1.66⅔ " "		10	1	M	1.50 " "
	10	1	M	1.75 " "		10	1	M	1.66⅔ " "
	10	1	M	2.00 " "					
Average	10	5	M	1.68½ " "	Average	10	3	M	1.50 " "
					July 1886	10	1	M	1.33½ " "
Jan. 1882	10	1	M	1.50 " "		10	1	M	1.50 " "
	10	1	M	1.66⅔ " "		10	1	M	1.66⅔ " "
	10	1	M	1.75 " "					
Average	10	3	M	1.64 " "	Average	10	3	M	1.50 " "
					Jan. 1887	10	1	M	1.33½ " "
July 1882	10	1	M	1.50 " "		10	1	M	1.66⅔ " "
	10	1	M	1.66⅔ " "					
	10	1	M	1.75 " "	Average	10	2	M	1.50 " "
Average	10	3	M	1.64 " "	July 1887	10	1	M	1.33½ " "
						10	1	M	1.66⅔ " "
Jan. 1883	10	1	M	1.50 " "					
	10	1	M	1.75 " "	Average	10	2	M	1.50 " "
	10	1	M	1.83⅓ " "	Jan. 1888	10	1	M	1.33½ " "
						10	1	M	1.66⅔ " "
Average	10	3	M	1.69½ " "					
					Average	10	2	M	1.50 " "
July 1883	10	1	M	1.50 " "					
	10	1	M	1.75 " "	July 1888	10	1	M	1.33½ " "
	10	1	M	1.83⅓ " "		10	1	M	1.66⅔ " "
Average	10	3	M	1.69½ " "	Average	10	2	M	1.50 " "
Jan. 1884	10	1	M	1.50 " "	Jan. 1889	10	1	M	1.66⅔ " "
	10	1	M	1.75 " "	July 1889	10	1	M	1.66⅔ " "
	10	1	M	1.83⅓ " "	Jan. 1890	10	1	M	1.66⅔ " "
					July 1890	10	1	M	1.66⅔ " "
Average	10	3	M	1.69½ " "					
					Jan. 1891	10	1	M	1.16⅔ " "
July 1884	10	1	M	1.50 " "		10	2	M	1.50 " "
	10	1	M	1.75 " "		10	1	M	1.66⅔ " "
	10	1	M	1.83⅓ " "					
Average	10	3	M	1.69½ " "	Average	10	4	M	1.45½ " "
Jan. 1885	10	2	M	1.33⅓ " "	July 1891	10	1	M	1.16⅔ " "
	10	2	M	1.66⅔ " "		10	2	M	1.50 " "
	10	1	M	1.83⅓ " "		10	1	M	1.66⅔ " "
Average	10	5	M	1.56⅔ " "	Average	10	4	M	1.45½ " "

FINISHERS.

Jan. 1856	11	1	M	.83⅓ per day.	July 1857	11	4	M	1.00 per day.
	11	2	M	1.00 " "		11	2	M	1.16⅔ " "
	11	1	M	1.16⅔ " "					
Average	11	4	M	1.00 " "	Average	11	6	M	1.05½ " "
July 1856	11	1	M	.83⅓ " "	Jan. 1858	11	1	M	1.00 " "
	11	2	M	1.00 " "		11	4	M	1.16⅔ " "
	11	1	M	1.16⅔ " "		11	1	M	1.33⅓ " "
Average	11	4	M	1.00 " "	Average	11	6	M	1.16⅔ " "
Jan. 1857	11	4	M	1.00 " "	July 1858	11	5	M	1.16⅔ " "
	11	2	M	1.16⅔ " "		11	1	M	1.33⅓ " "
Average	11	6	M	1.05½ " "	Average	11	6	M	1.19½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

FINISHERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1859	11	5	M	$1.16½ per day.
	11	1	M	1.33½ " "
Average	11	6	M	1.19½ " "
July 1859	11	5	M	1.16½ " "
	11	1	M	1.33½ " "
Average	11	6	M	1.19½ " "
Jan. 1860	11	5	M	1.16½ " "
	11	1	M	1.33½ " "
Average	11	6	M	1.19½ " "
July 1860	11	5	M	1.16½ " "
	11	1	M	1.33½ " "
Average	11	6	M	1.19½ " "
Jan. 1861	11	1	M	1.16½ " "
	11	5	M	1.33½ " "
Average	11	6	M	1.30½ " "
July 1861	11	1	M	1.16½ " "
	11	1	M	1.33½ " "
	11	4	M	1.50 " "
Average	11	6	M	1.41½ " "
Jan. 1862	11	1	M	1.16½ " "
	11	1	M	1.33½ " "
	11	4	M	1.66½ " "
Average	11	6	M	1.52½ " "
July 1862	11	1	M	1.16½ " "
	11	1	M	1.33½ " "
	11	4	M	1.83½ " "
Average	11	6	M	1.64 " "
Jan. 1863	11	1	M	1.16½ " "
	11	1	M	1.33½ " "
	11	1	M	1.83½ " "
	11	3	M	2.00 " "
Average	11	6	M	1.72½ " "
July 1863	11	1	M	1.16½ " "
	11	1	M	1.33½ " "
	11	4	M	2.00 " "
Average	11	6	M	1.75 " "
Jan. 1864	11	5	M	1.33½ " "
	11	1	M	2.00 " "
	11	3	M	2.16½ " "
Average	11	9	M	1.68½ " "
July 1864	11	5	M	1.33½ " "
	11	4	M	2.16½ " "
Average	11	9	M	1.70½ " "
Jan. 1865	11	1	M	1.50 " "
	11	4	M	1.66½ " "
	11	1	M	2.00 " "
	11	4	M	2.16½ " "
Average	11	10	M	1.88 " "
July 1865	11	4	M	1.66½ " "
	11	1	M	1.83½ " "
July 1865-conc'd.	11	1	M	$2.00 per day.
	11	4	M	2.16½ " "
Average	11	10	M	1.91½ " "
Jan. 1866	11	1	M	1.16½ " "
	11	2	M	1.66½ " "
	11	3	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	7	M	1.71½ " "
July 1866	11	1	M	1.16½ " "
	11	1	M	1.66½ " "
	11	4	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	7	M	1.74 " "
Jan. 1867	11	3	M	1.66½ " "
	11	2	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	6	M	1.77½ " "
July 1867	11	3	M	1.66½ " "
	11	2	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	6	M	1.77½ " "
Jan. 1868	11	4	M	1.66½ " "
	11	5	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	10	M	1.78½ " "
July 1868	11	2	M	1.66½ " "
	11	7	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	10	M	1.81½ " "
Jan. 1869	11	3	M	1.66½ " "
	11	3	M	1.83½ " "
	11	2	M	2.00 " "
Average	11	8	M	1.81½ " "
July 1869	11	2	M	1.66½ " "
	11	2	M	1.83½ " "
	11	4	M	2.00 " "
Average	11	8	M	1.87½ " "
Jan. 1870	10	1	M	1.66½ " "
	10	7	M	2.00 " "
Average	10	8	M	1.96 " "
July 1870	10	1	M	1.66½ " "
	10	7	M	2.00 " "
Average	10	8	M	1.96 " "
Jan. 1871	10	1	M	1.66½ " "
	10	6	M	2.00 " "
Average	10	7	M	1.95 " "
July 1871	10	1	M	1.66½ " "
	10	6	M	2.00 " "
Average	10	7	M	1.95 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

FINISHERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	10	1	M	$1.66⅔ per day.
	10	5	M	2.00 " "
Average	10	6	M	1.94½ " "
July 1872	10	1	M	1.66⅔ " "
	10	5	M	2.00 " "
Average	10	6	M	1.94½ " "
Jan. 1873	10	2	M	1.66⅔ " "
	10	7	M	2.00 " "
Average	10	9	M	1.92½ " "
July 1873	10	2	M	1.66⅔ " "
	10	7	M	2.00 " "
Average	10	9	M	1.92½ " "
Jan. 1874	10	1	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	8	M	2.00 " "
Average	10	10	M	1.95 " "
July 1874	10	1	M	1.66⅔ " "
	10	2	M	1.83⅓ " "
	10	7	M	2.00 " "
Average	10	10	M	1.93½ " "
Jan. 1875	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	3	M	2.00 " "
Average	10	7	M	1.78½ " "
July 1875	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	3	M	2.00 " "
Average	10	7	M	1.78½ " "
Jan. 1876	10	2	M	1.50 " "
	10	3	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	1	M	2.00 " "
	10	1	M	2.16⅔ " "
Average	10	8	M	1.75 " "
July 1876	10	2	M	1.50 " "
	10	3	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	1	M	2.00 " "
	10	1	M	2.16⅔ " "
Average	10	8	M	1.75 " "
Jan. 1877	10	1	M	1.50 " "
	10	4	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	1	M	2.00 " "
	10	2	M	2.16⅔ " "
Average	10	9	M	1.81½ " "
July 1877	10	1	M	1.50 " "
	10	4	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	1	M	2.00 " "
	10	2	M	2.16⅔ " "
Average	10	9	M	1.81½ " "
Jan. 1878	10	1	M	$1.58⅓ per day
	10	2	M	1.66⅔ " "
	10	1	M	1.75 " "
	10	1	M	1.83⅓ " "
	10	1	M	2.00 " "
	10	2	M	2.16⅔ " "
Average	10	8	M	1.85½ " "
July 1878	10	1	M	1.50 " "
	10	1	M	1.58⅓ " "
	10	2	M	1.66⅔ " "
	10	1	M	1.75 " "
	10	1	M	1.83⅓ " "
	10	1	M	2.00 " "
	10	2	M	2.16⅔ " "
Average	10	9	M	1.81½ " "
Jan. 1879	10	1	M	1.50 " "
	10	2	M	1.58⅓ " "
	10	3	M	1.66⅔ " "
	10	2	M	2.00 " "
	10	1	M	2.08⅓ " "
Average	10	9	M	1.75 " "
July 1879	10	1	M	1.41⅔ " "
	10	2	M	1.50 " "
	10	2	M	1.58⅓ " "
	10	1	M	1.66⅔ " "
	10	2	M	1.91⅔ " "
	10	1	M	2.00 " "
Average	10	9	M	1.67½ " "
Jan. 1880	10	1	M	1.41⅔ " "
	10	1	M	1.50 " "
	10	2	M	1.58⅓ " "
	10	2	M	1.66⅔ " "
	10	3	M	2.00 " "
Average	10	9	M	1.71½ " "
July 1880	10	1	M	1.41⅔ " "
	10	1	M	1.50 " "
	10	2	M	1.58⅓ " "
	10	2	M	1.66⅔ " "
	10	3	M	2.00 " "
Average	10	9	M	1.71½ " "
Jan. 1881	10	2	M	1.50 " "
	10	2	M	1.58⅓ " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	3	M	2.00 " "
Average	10	9	M	1.74 " "
July 1881	10	2	M	1.50 " "
	10	2	M	1.58⅓ " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	3	M	2.00 " "
Average	10	9	M	1.74 " "
Jan. 1882	10	2	M	1.50 " "
	10	2	M	1.58⅓ " "
	10	1	M	1.66⅔ " "
	10	4	M	2.00 " "
Average	10	9	M	1.76 " "
July 1882	10	2	M	1.50 " "
	10	2	M	1.58⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued

FINISHERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1882–conc'd.	10	1	M	$1.66⅔ per day.	Jan. 1887	10	4	M	$1.66⅔ per day.
	10	4	M	2.00 " "		10	11	M	1.83⅓ " "
						10	2	M	2.00 " "
Average	10	9	M	1.76 " "	Average	10	17	M	1.81½ " "
Jan. 1883	10	2	M	1.50 " "					
	10	1	M	1.58⅓ " "	July 1887	10	4	M	1.66⅔ " "
	10	2	M	1.66⅔ " "		10	11	M	1.83⅓ " "
	10	3	M	2.00 " "		10	2	M	2.00 " "
Average	10	8	M	1.74 " "	Average	10	17	M	1.81⅔ " "
July 1883	10	2	M	1.50 " "	Jan. 1888	10	2	M	1.66⅔ " "
	10	1	M	1.58⅓ " "		10	10	M	1.83⅓ " "
	10	2	M	1.66⅔ " "		10	2	M	2.00 " "
	10	3	M	2.00 " "					
Average	10	8	M	1.74 " "	Average	10	14	M	1.83⅓ " "
					July 1888	10	3	M	1.66⅔ " "
Jan. 1884	10	3	M	1.50 " "		10	9	M	1.83⅓ " "
	10	1	M	1.58⅓ " "		10	2	M	2.00 " "
	10	1	M	1.66⅔ " "					
	10	1	M	1.83⅓ " "	Average	10	14	M	1.82 " "
	10	2	M	2.00 " "					
					Jan. 1889	10	1	M	1.50 " "
Average	10	8	M	1.70 " "		10	7	M	1.66⅔ " "
						10	1	M	1.83⅓ " "
July 1884	10	3	M	1.50 " "		10	1	M	2.00 " "
	10	1	M	1.58⅓ " "					
	10	1	M	1.66⅔ " "	Average	10	10	M	1.70 " "
	10	1	M	1.83⅓ " "					
	10	2	M	2.00 " "	July 1889	10	1	M	1.50 " "
						10	7	M	1.66⅔ " "
Average	10	8	M	1.70 " "		10	2	M	2.00 " "
Jan. 1885	10	2	M	1.50 " "	Average	10	10	M	1.71⅔ " "
	10	4	M	1.66⅔ " "					
	10	2	M	1.83⅓ " "	Jan. 1890	10	1	M	1.50 " "
	10	1	M	2.00 " "		10	7	M	1.66⅔ " "
						10	1	M	2.00 " "
Average	10	9	M	1.70½ " "					
					Average	10	9	M	1.68⅔ " "
July 1885	10	2	M	1.50 " "					
	10	4	M	1.66⅔ " "	July 1890	10	1	M	1.50 " "
	10	2	M	1.83⅓ " "		10	7	M	1.66⅔ " "
	10	1	M	2.00 " "		10	1	M	2.00 " "
Average	10	9	M	1.70½ " "	Average	10	9	M	1.68⅔ " "
Jan. 1886	10	2	M	1.50 " "	Jan. 1891	10	1	M	1.50 " "
	10	5	M	1.66⅔ " "		10	6	M	1.66⅔ " "
	10	3	M	1.83⅓ " "		10	1	M	2.00 " "
Average	10	10	M	1.68⅓ " "	Average	10	8	M	1.68⅓ " "
July 1886	10	1	M	1.50 " "	July 1891	10	1	M	1.50 " "
	10	2	M	1.66⅔ " "		10	6	M	1.66⅔ " "
	10	7	M	1.83⅓ " "		10	1	M	2.00 " "
Average	10	10	M	1.76⅔ " "	Average	10	8	M	1.68⅓ " "

FLATTENERS.

Jan. 1856	11	2	M	1.00 per day.	Jan. 1857	11	1	M	.83⅓ per day.
	11	4	M	1.16⅔ " "		11	6	M	1.16⅔ " "
Average	11	6	M	1.11 " "	Average	11	7	M	1.12 " "
July 1856	11	2	M	1.00 " "	July 1857	11	1	M	.83⅓ " "
	11	4	M	1.16⅔ " "		11	6	M	1.16⅔ " "
Average	11	6	M	1.11 " "	Average	11	7	M	1.12 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

FLATTENERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1858	11	4	M	$1.16⅔ per day.
July 1858	11	4	M	1.16⅔ " "
Jan. 1859	11	1	M	1.50 " "
July 1859	11	1	M	1.50 " "
Jan. 1860	11	1	M	1.16⅔ " "
July 1860	11	1	M	1.16⅔ " "
Jan. 1861	11	1	M	1.33⅓ " "
July 1861	11	1	M	1.50 " "
Jan. 1862	11	1	M	1.50 " "
July 1862	11	1	M	1.66⅔ " "
Jan. 1863	11	1	M	1.83⅓ " "
July 1863	11	1	M	1.83⅓ " "
Jan. 1864	11	1	M	2.00 " "
July 1864	11	1	M	2.00 " "
Jan. 1865	11	1	M	2.16⅔ " "
July 1865	11	1	M	2.16⅔ " "
Jan. 1866	11	1	M	1.66⅔ " "
	11	1	M	1.83⅓ " "
	11	1	M	2.16⅔ " "
Average	11	3	M	1.89 " "
July 1866	11	1	M	1.66⅔ " "
	11	1	M	1.83⅓ " "
	11	1	M	2.00 " "
Average	11	3	M	1.83⅓ " "
Jan. 1867	11	1	M	1.66⅔ " "
	11	3	M	1.83⅓ " "
Average	11	4	M	1.79½ " "
July 1867	11	1	M	1.66⅔ " "
	11	3	M	1.83⅓ " "
Average	11	4	M	1.79½ " "
Jan. 1868	11	2	M	1.83⅓ " "
	11	2	M	2.00 " "
Average	11	4	M	1.91½ " "
July 1868	11	2	M	1.83⅓ " "
	11	2	M	2.00 " "
Average	11	4	M	1.91½ " "
Jan. 1869	11	1	M	1.66⅔ " "
	11	2	M	1.83⅓ " "
	11	1	M	2.00 " "
Average	11	4	M	1.83⅓ " "
July 1869	11	1	M	1.66⅔ " "
	11	1	M	1.83⅓ " "
	11	2	M	2.00 " "
Average	11	4	M	1.87½ " "
Jan. 1870	10	2	M	1.83⅓ " "
	10	2	M	2.00 " "
Average	10	4	M	1.91⅔ " "
July 1870	10	2	M	1.83⅓ " "
	10	2	M	2.00 " "
Average	10	4	M	1.91½ " "
Jan. 1871	10	2	M	1.83⅓ " "
	10	2	M	2.00 " "
Average	10	4	M	1.91⅔ " "
July 1871	10	2	M	$1.83⅓ per day.
	10	2	M	2.00 " "
Average	10	4	M	1.91½ " "
Jan. 1872	10	1	M	1.83⅓ " "
	10	2	M	2.00 " "
Average	10	3	M	1.94½ " "
July 1872	10	1	M	1.83⅓ " "
	10	2	M	2.00 " "
Average	10	3	M	1.94½ " "
Jan. 1873	10	3	M	2.00 " "
July 1873	10	3	M	2.00 " "
Jan. 1874	10	4	M	2.00 " "
July 1874	10	4	M	2.00 " "
Jan. 1875	10	1	M	1.83⅓ " "
	10	2	M	2.00 " "
	10	1	M	2.33⅓ " "
Average	10	4	M	2.04½ " "
July 1875	10	1	M	1.83⅓ " "
	10	2	M	2.00 " "
	10	1	M	2.33⅓ " "
Average	10	4	M	2.04½ " "
Jan. 1876	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	2	M	2.00 " "
	10	1	M	2.33⅓ " "
Average	10	5	M	1.90 " "
July 1876	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	2	M	2.00 " "
	10	1	M	2.33⅓ " "
Average	10	5	M	1.90 " "
Jan. 1877	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	2	M	2.16⅔ " "
Average	10	5	M	1.86⅔ " "
July 1877	10	2	M	1.66⅔ " "
	10	1	M	2.00 " "
	10	1	M	2.16⅔ " "
	10	1	M	2.33⅓ " "
Average	10	5	M	1.96⅔ " "
Jan. 1878	10	2	M	1.66⅔ " "
	10	1	M	2.00 " "
	10	2	M	2.33⅓ " "
Average	10	5	M	2.00 " "
July 1878	10	2	M	1.66⅔ " "
	10	1	M	2.00 " "
	10	2	M	2.33⅓ " "
Average	10	5	M	2.00 " "
Jan. 1879	10	2	M	1.50 " "
	10	1	M	1.58½ " "
	10	2	M	2.00 " "
Average	10	5	M	1.71⅔ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

FLATTENERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1879	10	2	M	$1.41½ per day.	July 1883	10	3	M	$1.50 per day.
	10	2	M	1.50 " "		10	1	M	1.66½ " "
	10	1	M	2.00 " "		10	1	M	1.83½ " "
						10	2	M	2.00 " "
Average	10	5	M	1.68½ " "	Average	10	7	M	1.71½ " "
Jan. 1880	10	4	M	1.50 " "					
	10	1	M	1.66½ " "	Jan. 1884	10	3	M	1.50 " "
	10	2	M	2.00 " "		10	1	M	1.66½ " "
						10	1	M	1.83½ " "
Average	10	7	M	1.66½ " "		10	2	M	2.00 " "
July 1880	10	4	M	1.50 " "	Average	10	7	M	1.71½ " "
	10	1	M	1.66½ " "					
	10	2	M	2.00 " "	July 1884	10	3	M	1.50 " "
						10	1	M	1.66½ " "
Average	10	7	M	1.66½ " "		10	1	M	1.83½ " "
Jan. 1881	10	4	M	1.50 " "		10	2	M	2.00 " "
	10	1	M	1.83½ " "					
	10	2	M	2.00 " "	Average	10	7	M	1.71½ " "
Average	10	7	M	1.69 " "	Jan. 1885	10	1	M	1.50 " "
						10	2	M	1.66½ " "
July 1881	10	4	M	1.50 " "					
	10	1	M	1.83½ " "	Average	10	3	M	1.61 " "
	10	2	M	2.00 " "					
					July 1885	10	1	M	1.50 " "
Average	10	7	M	1.69 " "		10	2	M	1.66½ " "
Jan. 1882	10	3	M	1.50 " "	Average	10	3	M	1.61 " "
	10	1	M	1.66½ " "					
	10	1	M	1.83½ " "	Jan. 1886	10	1	M	1.50 " "
	10	2	M	2.00 " "		10	1	M	1.66½ " "
Average	10	7	M	1.71½ " "	Average	10	2	M	1.58½ " "
July 1882	10	3	M	1.50 " "	July 1886	10	2	M	1.66½ " "
	10	1	M	1.66½ " "	Jan. 1887	10	1	M	1.83½ " "
	10	1	M	1.83½ " "	July 1887	10	1	M	1.83½ " "
	10	2	M	2.00 " "	Jan. 1888	10	1	M	1.83½ " "
					July 1888	10	1	M	1.83½ " "
Average	10	7	M	1.71½ " "	Jan. 1889	10	1	M	1.83½ " "
					July 1889	10	1	M	1.83½ " "
Jan. 1883	10	3	M	1.50 " "	Jan. 1890	10	1	M	1.91½ " "
	10	1	M	1.66½ " "	July 1890	10	1	M	1.91½ " "
	10	1	M	1.83½ " "	Jan. 1891	10	1	M	1.91½ " "
	10	2	M	2.00 " "	July 1891	10	1	M	1.91½ " "
Average	10	7	M	1.71½ " "					

GLOSSERS.

Jan. 1856	11	1	M	1.00 per day.	July 1864	11	1	M	1.33½ per day.
July 1856	11	1	M	1.00 " "		11	1	M	2.00 " "
Jan. 1857	11	1	M	.83½ " "					
July 1857	11	1	M	.83½ " "	Average	11	2	M	1.66½ " "
Jan. 1858	11	1	M	1.16⅔ " "					
July 1858	11	1	M	1.16⅔ " "					
Jan. 1859	11	1	M	1.16½ " "	Jan. 1865	11	1	M	1.33½ " "
July 1859	11	1	M	1.16½ " "		11	1	M	2.00 " "
Jan. 1860	11	1	M	1.16⅔ " "					
July 1860	11	1	M	1.16⅔ " "	Average	11	2	M	1.66½ " "
Jan. 1861	11	1	M	1.33⅓ " "					
July 1861	11	1	M	1.33½ " "	July 1865	11	1	M	1.50 " "
Jan. 1862	11	1	M	1.50 " "		11	1	M	2.00 " "
July 1862	11	1	M	1.50 " "					
Jan. 1863	11	1	M	1.66⅔ " "	Average	11	2	M	1.75 " "
July 1863	11	1	M	1.66⅔ " "					
Jan. 1864	11	1	M	1.33⅓ " "	Jan. 1866	11	1	M	1.50 " "
	11	1	M	2.00 " "		11	1	M	2.00 " "
Average	11	2	M	1.66⅔ " "	Average	11	2	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

GLOSSERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866	11	1	M	$1.66½ per day.
	11	1	M	2.00 " "
Average	11	2	M	1.83½ " "
Jan. 1867	11	1	M	1.66½ " "
	11	1	M	1.83½ " "
Average	11	2	M	1.75 " "
July 1867	11	1	M	1.66½ " "
	11	1	M	1.83½ " "
Average	11	2	M	1.75 " "
Jan. 1868	11	3	M	1.83½ " "
July 1868	11	3	M	1.83½ " "
Jan. 1869	11	1	M	1.83½ " "
	11	2	M	2.00 " "
Average	11	3	M	1.94½ " "
July 1869	11	1	M	1.83½ " "
	11	2	M	2.00 " "
Average	11	3	M	1.94½ " "
Jan. 1870	10	3	M	2.00 " "
July 1870	10	3	M	2.00 " "
Jan. 1871	10	3	M	2.00 " "
July 1871	10	3	M	2.00 " "
Jan. 1872	10	1	M	1.66½ " "
	10	3	M	2.00 " "
Average	10	4	M	1.91½ " "
July 1872	10	1	M	1.66½ " "
	10	3	M	2.00 " "
Average	10	4	M	1.91½ " "
Jan. 1873	10	1	M	1.66½ " "
	10	2	M	1.83½ " "
	10	5	M	2.00 " "
Average	10	8	M	1.91½ " "
July 1873	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
	10	6	M	2.00 " "
Average	10	8	M	1.93½ " "
Jan. 1874	10	3	M	1.83½ " "
	10	5	M	2.00 " "
Average	10	8	M	1.94 " "
July 1874	10	3	M	1.83½ " "
	10	5	M	2.00 " "
Average	10	8	M	1.94 " "
Jan. 1875	10	5	M	1.66½ " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	8	M	1.79 " "
July 1875	10	5	M	1.66½ " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	**10**	**8**	**M**	**1.79** " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1876	10	1	M	$1.50 per day.
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	4	M	1.87½ " "
July 1876	10	1	M	1.50 " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	4	M	1.87½ " "
Jan. 1877	10	1	M	1.50 " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	1.89 " "
July 1877	10	1	M	1.50 " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	1.89 " "
Jan. 1878	10	1	M	1.66½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	1.94½ " "
July 1878	10	1	M	1.66½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	1.94½ " "
Jan. 1879	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	3	M	1.66½ " "
July 1879	10	1	M	1.33½ " "
	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	3	M	1.61 " "
Jan. 1880	10	1	M	1.33½ " "
	10	1	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.62½ " "
July 1880	10	1	M	1.33½ " "
	10	1	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.62½ " "
Jan. 1881	10	1	M	1.50 " "
	10	1	M	1.58½ " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.68½ " "
July 1881	10	1	M	1.58½ " "
	10	2	M	1.66½ " "
	10	1	M	2.00 " "
Average	**10**	**4**	**M**	**1.73** " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

GLOSSERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	10	1	M	$1.58½ per day.
	10	2	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.73 " "
July 1882	10	1	M	1.58½ " "
	10	2	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.73 " "
Jan. 1883	10	1	M	1.50 " "
	10	1	M	1.58½ " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.68½ " "
July 1883	10	1	M	1.50 " "
	10	1	M	1.58½ " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.68½ " "
Jan. 1884	10	1	M	1.58½ " "
	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.77 " "
July 1884	10	1	M	1.58½ " "
	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.77 " "
Jan. 1885	10	1	M	$1.33½ per day.
	10	3	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	6	M	1.52½ " "
July 1885	10	1	M	1.33½ " "
	10	3	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	6	M	1.52½ " "
Jan. 1886	10	1	M	1.33½ " "
	10	4	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	7	M	1.52½ " "
July 1886	10	3	M	1.50 " "
	10	4	M	1.66½ " "
Average	10	7	M	1.59½ " "
Jan. 1887	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	2	M	1.58½ " "
July 1887	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	2	M	1.58½ " "
Jan. 1888	10	1	M	1.83½ " "
July 1888	10	1	M	1.83½ " "
Jan. 1889	10	1	M	1.83½ " "
July 1889	10	1	M	1.83½ " "
Jan. 1890	10	1	M	1.83½ " "
July 1890	10	1	M	1.83½ " "
Jan. 1891	10	1	M	2.33½ " "
July 1891	10	1	M	2.33½ " "

SETTERS-OUT.

Jan. 1856	11	1	M	1.00 per day.
	11	3	M	1.16½ " "
Average	11	4	M	1.12½ " "
July 1856	11	1	M	1.00 " "
	11	3	M	1.16½ " "
Average	11	4	M	1.12½ " "
Jan. 1857	11	1	M	.83½ " "
	11	2	M	1.00 " "
	11	1	M	1.16½ " "
Average	11	4	M	1.00 " "
July 1857	11	1	M	.83½ " "
	11	2	M	1.00 " "
	11	1	M	1.16½ " "
Average	11	4	M	1.00 " "
Jan. 1858	11	3	M	1.16½ " "
	11	1	M	1.33½ " "
Average	11	4	M	1.20½ " "
Jnly 1858	11	2	M	1.16½ " "
	11	2	M	1.33½ " "
Average	11	4	M	1.25 " "
Jan. 1859	11	1	M	1.00 per day.
	11	1	M	1.16½ " "
	11	4	M	1.33½ " "
Average	11	6	M	1.25 " "
July 1859	11	1	M	1.00 " "
	11	1	M	1.16½ " "
	11	4	M	1.33½ " "
Average	11	6	M	1.25 " "
Jan. 1860	11	1	M	1.16½ " "
July 1860	11	1	M	1.16½ " "
Jan. 1861	11	1	M	1.33½ " "
July 1861	11	1	M	1.33½ " "
Jan. 1862	11	1	M	1.50 " "
July 1862	11	1	M	1.66½ " "
Jan. 1863	11	1	M	1.83½ " "
July 1863	11	1	M	2.00 " "
Jan. 1864	11	1	M	2.16½ " "
July 1864	11	1	M	2.16½ " "
Jan. 1865	11	1	M	2.16½ " "
July 1865	11	1	M	2.16½ " "
Jan. 1866	11	1	M	2.00 " "
July 1866	11	1	M	2.00 " "
Jan. 1867	11	1	M	1.83½ " "
July 1867	11	1	M	1.83½ " "
Jan. 1868	11	1	M	1.83½ " "
July 1868	11	1	M	1.83½ " "
Jan. 1869	11	1	M	1.83½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

SETTERS-OUT—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1869	11	1	M	$1.83½ per day.
Jan. 1870	10	1	M	1.66⅔ " "
July 1870	10	1	M	1.66⅔ " "
Jan. 1871	10	2	M	1.66⅔ " "
July 1871	10	2	M	1.66⅔ " "
Jan. 1872	10	2	M	1.66⅔ " "
July 1872	10	2	M	1.66⅔ " "
Jan. 1873	10	1	M	1.66⅔ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
July 1873	10	1	M	1.66⅔ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
Jan. 1874	10	1	M	1.66⅔ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
July 1874	10	1	M	1.66⅔ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
Jan. 1875	10	1	M	1.66⅔ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
July 1875	10	1	M	1.66⅔ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
Jan. 1876	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	2	M	1.58½ " "
July 1876	10	2	M	1.66⅔ " "
Jan. 1877	10	2	M	1.66⅔ " "
July 1877	10	2	M	1.66⅔ " "
Jan. 1878	10	1	M	1.41⅔ " "
	10	1	M	1.66⅔ " "
Average	10	2	M	1.54 " "
July 1878	10	1	M	1.41⅔ " "
	10	1	M	1.66⅔ " "
Average	10	2	M	1.54 " "
Jan. 1879	10	1	M	1.33⅓ " "
	10	1	M	1.58⅓ " "
Average	10	2	M	1.46 " "
July 1879	10	1	M	1.33⅓ " "
	10	1	M	1.41⅔ " "
Average	10	2	M	1.37½ " "
Jan. 1880	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1880	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	**10**	**2**	**M**	**1.37½** " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881	10	1	M	$1.25 per day.
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1881	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
Jan. 1882	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1882	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
Jan. 1883	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1883	10	1	M	1.08½ " "
	10	1	M	1.50 " "
Average	10	2	M	1.29½ " "
Jan. 1884	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1884	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
Jan. 1885	10	1	M	1.25 " "
	10	2	M	1.50 " "
Average	10	3	M	1.41⅔ " "
July 1885	10	1	M	1.25 " "
	10	2	M	1.50 " "
Average	10	3	M	1.41⅔ " "
Jan. 1886	10	2	M	1.50 " "
July 1886	10	2	M	1.66⅔ " "
Jan. 1887	10	2	M	1.50 " "
July 1887	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	2	M	1.58½ " "
Jan. 1888	10	2	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	3	M	1.61 " "
July 1888	10	2	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	3	M	1.61 " "
Jan. 1889	10	2	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	3	M	1.61 " "
July 1889	10	2	M	1.50 " "
	10	1	M	1.83½ " "
Average	**10**	**3**	**M**	**1.61** " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

SETTERS-OUT—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890	10	1	M	$1.50 per day.	Jan. 1891	10	1	M	$1.50 per day.
	10	1	M	1.83½ " "		10	1	M	1.83½ " "
Average	10	2	M	1.66½ " "	Average	10	2	M	1.66½ " "
July 1890	10	1	M	1.50 " "	July 1891	10	1	M	1.50 " "
	10	1	M	1.83½ " "		10	1	M	1.83½ " "
Average	10	2	M	1.66½ " "	Average	10	2	M	1.66½ " "

SPLITTERS.

Jan. 1856	11	1	M	1.16⅔ per day.	July 1870	10	2	M	2.00 per day.
July 1856	11	1	M	1.16⅔ " "		10	1	M	2.16½ " "
Jan. 1857	11	1	M	1.16⅔ " "	Average	10	3	M	2.05½ " "
July 1857	11	1	M	1.16⅔ " "	Jan. 1871	10	1	M	2.00 " "
Jan. 1858	11	1	M	1.50 " "		10	1	M	2.16⅔ " "
July 1858	11	1	M	1.50 " "		10	1	M	2.33⅓ " "
Jan. 1859	11	1	M	1.50 " "	Average	10	3	M	2.16½ " "
July 1859	11	1	M	1.50 " "	July 1871	10	1	M	2.00 " "
Jan. 1860	11	1	M	1.50 " "		10	1	M	2.16⅔ " "
July 1860	11	1	M	1.50 " "		10	1	M	2.33⅓ " "
Jan. 1861	11	1	M	1.83⅓ " "	Average	10	3	M	2.16½ " "
July 1861	11	1	M	1.83⅓ " "	Jan. 1872	10	1	M	2.00 " "
Jan. 1862	11	1	M	2.00 " "		10	2	M	2.16½ " "
July 1862	11	1	M	2.00 " "	Average	10	3	M	2.11 " "
Jan. 1863	11	1	M	2.16⅔ " "	July 1872	10	2	M	2.00 " "
July 1863	11	1	M	2.16⅔ " "		10	1	M	2.16½ " "
Jan. 1864	11	1	M	2.33⅓ " "	Average	10	3	M	2.05½ " "
July 1864	11	1	M	2.33⅓ " "	Jan. 1873	10	2	M	2.00 " "
Jan. 1865	11	1	M	2.33⅓ " "		10	1	M	2.16½ " "
July 1865	11	1	M	2.33⅓ " "	Average	10	3	M	2.05½ " "
Jan. 1866	11	1	M	2.33⅓ " "	July 1873	10	1	M	2.00 " "
July 1866	11	1	M	2.33½ " "		10	2	M	2.16⅔ " "
Jan. 1867	11	1	M	1.66½ " "	Average	10	3	M	2.11 " "
	11	1	M	2.16⅔ " "	Jan. 1874	10	2	M	2.00 " "
Average	11	2	M	1.91½ " "		10	1	M	2.16½ " "
July 1867	11	1	M	1.66½ " "		10	1	M	2.33⅓ " "
	11	1	M	2.16⅔ " "	Average	10	4	M	2.12½ " "
Average	11	2	M	1.91½ " "	July 1874	10	2	M	2.00 " "
Jan. 1868	11	1	M	1.66⅔ " "		10	1	M	2.16⅔ " "
	11	1	M	1.83⅓ " "		10	1	M	2.33⅓ " "
	11	1	M	2.16⅔ " "	Average	10	4	M	2.12½ " "
Average	11	3	M	1.89 " "	Jan. 1875	10	1	M	2.00 " "
July 1868	11	1	M	1.66⅔ " "		10	3	M	2.33⅓ " "
	11	1	M	1.83⅓ " "	Average	10	4	M	2.25 " "
	11	1	M	2.16⅔ " "	July 1875	10	1	M	2.00 " "
Average	11	3	M	1.89 " "		10	3	M	2.33⅓ " "
Jan. 1869	11	1	M	1.66⅔ " "	Average	10	4	M	2.25 " "
	11	1	M	1.83⅓ " "					
	11	1	M	2.00 " "					
Average	11	3	M	1.83⅓ " "					
July 1869	11	1	M	1.83⅓ " "					
	11	2	M	2.00 " "					
Average	11	3	M	1.94½ " "					
Jan. 1870	10	2	M	2.00 " "					
	10	1	M	2.16⅔ " "					
Average	10	3	M	2.05½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

SPLITTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1876	10	1	M	$2.00 per day.
	10	3	M	2.33½ " "
Average	10	4	M	2.25 " "
July 1876	10	1	M	2.00 " "
	10	3	M	2.33½ " "
Average	10	4	M	2.25 " "
Jan. 1877	10	2	M	2.00 " "
	10	1	M	2.16½ " "
	10	1	M	2.33½ " "
Average	10	4	M	2.12½ " "
July 1877	10	1	M	2.00 " "
	10	2	M	2.16½ " "
	10	1	M	2.33½ " "
Average	10	4	M	2.16½ " "
Jan. 1878	10	1	M	2.00 " "
	10	2	M	2.16½ " "
	10	1	M	2.33½ " "
Average	10	4	M	2.16½ " "
July 1878	10	1	M	2.00 " "
	10	2	M	2.16½ " "
	10	1	M	2.33½ " "
Average	10	4	M	2.16½ " "
Jan. 1879	10	1	M	1.83½ " "
	10	1	M	2.00 " "
	10	1	M	2.33½ " "
Average	10	3	M	2.05½ " "
July 1879	10	1	M	1.66½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	1.94½ " "
Jan. 1880	10	1	M	1.75 " "
	10	2	M	2.16½ " "
Average	10	3	M	2.02½ " "
July 1880	10	1	M	1.75 " "
	10	2	M	2.16½ " "
Average	10	3	M	2.02½ " "
Jan. 1881	10	1	M	1.75 " "
	10	2	M	2.16½ " "
Average	10	3	M	2.02½ " "
July 1881	10	1	M	1.75 " "
	10	2	M	2.16½ " "
Average	10	3	M	2.02½ " "
Jan. 1882	10	1	M	1.75 " "
	10	1	M	2.16½ " "
	10	1	M	2.33½ " "
Average	10	3	M	2.08½ " "
July 1882	10	1	M	2.00 " "
	10	1	M	2.16½ " "
	10	1	M	2.33½ " "
Average	10	3	M	2.16½ " "
Jan. 1883	10	1	M	$2.00 per day.
	10	1	M	2.16½ " "
	10	1	M	2.33½ " "
Average	10	3	M	2.16½ " "
July 1883	10	1	M	2.00 " "
	10	1	M	2.16½ " "
	10	1	M	2.33½ " "
Average	10	3	M	2.16½ " "
Jan. 1884	10	1	M	2.00 " "
	10	1	M	2.16½ " "
	10	1	M	2.33½ " "
Average	10	3	M	2.16½ " "
July 1884	10	1	M	2.00 " "
	10	1	M	2.16½ " "
	10	1	M	2.33½ " "
Average	10	3	M	2.16½ " "
Jan. 1885	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	2	M	2.08½ " "
July 1885	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	2	M	2.08½ " "
Jan. 1886	10	1	M	2.00 " "
July 1886	10	1	M	2.00 " "
Jan. 1887	10	3	M	2.00 " "
July 1887	10	3	M	2.00 " "
Jan. 1888	10	1	M	1.66½ " "
	10	2	M	2.00 " "
Average	10	3	M	1.89 " "
July 1888	10	1	M	1.66½ " "
	10	2	M	2.00 " "
Average	10	3	M	1.89 " "
Jan. 1889	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
July 1889	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
Jan. 1890	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
July 1890	10	2	M	1.83½ " "
Jan. 1891	10	2	M	1.83½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	4	M	1.96 " "
July 1891	10	2	M	1.83½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	4	M	1.96 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

STUFFERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1856	11	1	M	$0.83½ per day.
	11	3	M	1.00 " "
	11	1	M	1.16½ " "
Average	11	5	M	1.00 " "
Jnly 1856	11	1	M	.83½ " "
	11	3	M	1.00 " "
	11	1	M	1.16½ " "
Average	11	5	M	1.00 " "
Jan. 1857	11	1	M	.83½ " "
	11	2	M	1.00 " "
	11	2	M	1.16½ " "
Average	11	5	M	1.03½ " "
July 1857	11	1	M	.83½ " "
	11	2	M	1.00 " "
	11	2	M	1.16½ " "
Average	11	5	M	1.03½ " "
Jan. 1858	11	1	M	1.00 " "
	11	4	M	1.16½ " "
Average	11	5	M	1.13 " "
July 1858	11	1	M	1.00 " "
	11	4	M	1.16½ " "
Average	11	5	M	1.13 " "
Jan. 1859	11	1	M	1.16½ " "
July 1859	11	1	M	1.16½ " "
Jan. 1860	11	1	M	1.00 " "
	11	1	M	1.16⅔ " "
Average	11	2	M	1.08½ " "
July 1860	11	1	M	1.00 " "
	11	1	M	1.16⅔ " "
Average	11	2	M	1.08½ " "
Jan. 1861	11	1	M	1.00 " "
	11	1	M	1.33½ " "
Average	11	2	M	1.16⅔ " "
July 1861	11	1	M	1.00 " "
	11	1	M	1.33½ " "
Average	11	2	M	1.16⅔ " "
Jan. 1862	11	1	M	1.16½ " "
	11	1	M	1.50 " "
Average	11	2	M	1.33½ " "
July 1862	11	1	M	1.16½ " "
	11	1	M	1.50 " "
Average	11	2	M	1.33½ " "
Jan. 1863	11	1	M	1.16½ " "
	11	1	M	1.66½ " "
	11	1	M	1.83½ " "
Average	11	3	M	1.55½ " "
July 1863	11	1	M	$1.16½ per day.
	11	1	M	1.66½ " "
	11	1	M	2.00 " "
Average	11	3	M	1.61 " "
Jan. 1864	11	1	M	1.16½ " "
	11	1	M	1.50 " "
	11	1	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	4	M	1.62½ " "
July 1864	11	1	M	1.16½ " "
	11	1	M	1.66½ " "
	11	1	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	4	M	1.66½ " "
Jan. 1865	11	1	M	1.66½ " "
	11	1	M	2.00 " "
	11	1	M	2.16½ " "
Average	11	3	M	1.94½ " "
July 1865	11	1	M	1.66½ " "
	11	1	M	2.00 " "
	11	1	M	2.16½ " "
Average	11	3	M	1.94½ " "
Jan. 1866	11	2	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	3	M	1.89 " "
July 1866	11	2	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	3	M	1.89 " "
Jan. 1867	11	1	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	2	M	1.91½ " "
July 1867	11	1	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	2	M	1.91½ " "
Jan. 1868	11	1	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	2	M	1.91½ " "
July 1868	11	1	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	2	M	1.91½ " "
Jan. 1869	11	1	M	1.66½ " "
	11	1	M	1.83½ " "
	11	2	M	2.00 " "
Average	11	4	M	1.87½ " "
July 1869	11	4	M	2.00 " "
Jan. 1870	10	1	M	1.83½ " "
	10	3	M	2.00 " "
Average	10	4	M	1.96 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

STUFFERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1870	10	1	M	$1.83½ per day.
	10	3	M	2.00 " "
Average	10	4	M	1.96 " "
Jan. 1871	10	1	M	1.83½ " "
	10	3	M	2.00 " "
Average	10	4	M	1.96 " "
July 1871	10	1	M	1.66½ " "
	10	3	M	2.00 " "
Average	10	4	M	1.91½ " "
Jan. 1872	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
July 1872	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
Jan. 1873	10	1	M	1.66½ " "
	10	2	M	2.00 " "
Average	10	3	M	1.89 " "
July 1873	10	1	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	3	M	1.94½ " "
Jan. 1874	10	1	M	1.83½ " "
	10	3	M	2.00 " "
Average	10	4	M	1.96 " "
July 1874	10	1	M	1.83½ " "
	10	3	M	2.00 " "
Average	10	4	M	1.96 " "
Jan. 1875	10	1	M	1.50 " "
	10	2	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.66⅔ " "
July 1875	10	1	M	1.50 " "
	10	2	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.66⅔ " "
Jan. 1876	10	5	M	1.50 " "
	10	1	M	2.16½ " "
Average	10	6	M	1.61 " "
July 1876	10	5	M	1.50 " "
	10	1	M	2.16½ " "
Average	10	6	M	1.61 " "
Jan. 1877	10	5	M	1.50 " "
	10	1	M	2.16½ " "
Average	10	6	M	1.61 " "
July 1877	10	4	M	1.50 " "
July 1877–conc'd.	10	1	M	$1.66½ per day.
	10	1	M	2.16½ " "
Average	10	6	M	1.64 " "
Jan. 1878	10	6	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	7	M	1.71½ " "
July 1878	10	6	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	7	M	1.71½ " "
Jan. 1879	10	7	M	1.58½ " "
	10	1	M	2.25 " "
Average	10	8	M	1.67 " "
July 1879	10	7	M	1.41½ " "
	10	1	M	2.08½ " "
Average	10	8	M	1.50 " "
Jan. 1880	10	7	M	1.50 " "
	10	1	M	2.16½ " "
Average	10	8	M	1.58½ " "
July 1880	10	7	M	1.50 " "
	10	1	M	2.16½ " "
Average	10	8	M	1.58½ " "
Jan. 1881	10	7	M	1.50 " "
	10	1	M	2.16½ " "
Average	10	8	M	1.58½ " "
July 1881	10	7	M	1.50 " "
	10	1	M	2.16½ " "
Average	10	8	M	1.58½ " "
Jan. 1882	10	6	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	2.16½ " "
Average	10	8	M	1.60½ " "
July 1882	10	6	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	2.16½ " "
Average	10	8	M	1.60½ " "
Jan. 1883	10	7	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	2.16½ " "
Average	10	9	M	1.59 " "
July 1883	10	7	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	2.16½ " "
Average	10	9	M	1.59 " "
Jan. 1884	10	6	M	1.50 " "
	10	2	M	1.66⅔ " "
	10	1	M	2.16½ " "
Average	10	9	M	1.61 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

STUFFERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1884	10	1	M	$1.33½ per day.
	10	6	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.16½ " "
Average	10	9	M	1.57½ " "
Jan. 1885	10	1	M	1.50 " "
July 1885	10	1	M	1.50 " "
Jan. 1886	10	1	M	1.50 " "
July 1886	10	1	M	1.66½ " "
Jan. 1887	10	3	M	1.50 " "
	10	1	M	1.83½ " "
	10	1	M	2.16½ " "
Average	10	5	M	1.70 " "
July 1887	10	3	M	1.50 " "
	10	1	M	1.83½ " "
	10	1	M	2.16½ " "
Average	10	5	M	1.70 " "
Jan. 1888	10	2	M	1.50 " "
	10	1	M	1.83½ " "
	10	1	M	2.16½ " "
Average	10	4	M	1.75 " "
July 1888	10	2	M	$1.50 per day.
	10	1	M	1.83½ " "
	10	1	M	2.16½ " "
Average	10	4	M	1.75 " "
Jan. 1889	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	2	M	1.58½ " "
July 1889	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	2	M	1.58½ " "
Jan. 1890	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	2	M	1.58½ " "
July 1890	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	2	M	1.58½ " "
Jan. 1891	10	2	M	1.66½ " "
July 1891	10	2	M	1.66½ " "

TABLE HANDS.

Jan. 1856	11	1	M	.83½ per day.
	11	1	M	1.00 " "
Average	11	2	M	.91½ " "
July 1856	11	1	M	.83½ " "
	11	1	M	1.00 " "
Average	11	2	M	.91½ " "
Jan. 1857	11	2	M	.83½ " "
July 1857	11	2	M	.83½ " "
Jan. 1858	11	2	M	1.16½ " "
July 1858	11	2	M	1.16½ " "
Jan. 1859	11	1	M	1.16½ " "
	11	1	M	1.33½ " "
Average	11	2	M	1.25 " "
July 1859	11	1	M	1.16½ " "
	11	1	M	1.33½ " "
Average	11	2	M	1.25 " "
Jan. 1860	11	2	M	1.00 " "
	11	1	M	1.16½ " "
Average	11	3	M	1.05½ " "
July 1860	11	2	M	1.00 " "
	11	1	M	1.16½ " "
Average	11	3	M	1.05½ " "
Jan. 1861	11	2	M	1.00 " "
	11	1	M	1.33½ " "
Average	11	3	M	1.11 " "
July 1861	11	2	M	1.00 per day.
	11	1	M	1.33½ " "
Average	11	3	M	1.11 " "
Jan. 1862	11	1	M	1.16½ " "
	11	1	M	1.33½ " "
	11	1	M	1.50 " "
Average	11	3	M	1.33½ " "
July 1862	11	2	M	1.33½ " "
	11	1	M	1.50 " "
Average	11	3	M	1.39 " "
Jan. 1863	11	1	M	1.33½ " "
	11	1	M	1.50 " "
	11	1	M	1.66½ " "
Average	11	3	M	1.50 " "
July 1863	11	1	M	1.33½ " "
	11	1	M	1.50 " "
	11	1	M	1.83½ " "
Average	11	3	M	1.55½ " "
Jan. 1864	11	1	M	1.33½ " "
	11	1	M	1.50 " "
	11	1	M	1.83½ " "
Average	11	3	M	1.55½ " "
July 1864	11	1	M	1.33½ " "
	11	1	M	1.50 " "
	11	1	M	1.83½ " "
Average	11	3	M	1.55½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

TABLE HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865	11	1	M	$1.33½ per day.
	11	1	M	1.66½ " "
	11	2	M	1.83½ " "
Average	11	4	M	1.66½ " "
July 1865	11	1	M	1.50 " "
	11	1	M	1.66½ " "
	11	1	M	1.83½ " "
	11	1	M	2.00 " "
Average	11	4	M	1.75 " "
Jan. 1866	11	2	M	1.66½ " "
July 1866	11	2	M	1.66½ " "
Jan. 1867	11	1	M	1.83½ " "
July 1867	11	1	M	1.83½ " "
Jan. 1870	10	1	M	1.50 " "
July 1870	10	1	M	1.50 " "
Jan. 1871	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
July 1871	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
Jan. 1872	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
July 1872	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83½ " "
Jan. 1873	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
July 1873	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
Jan. 1874	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
July 1874	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
Jan. 1875	10	2	M	1.66½ " "
July 1875	10	2	M	1.66½ " "
Jan. 1876	10	1	M	1.33½ " "
	10	2	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	5	M	1.53½ " "
July 1876	10	3	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	5	M	1.56½ " "
Jan. 1877	10	2	M	1.50 " "
	10	3	M	1.66½ " "
Average	10	5	M	1.60 " "
July 1877	10	1	M	$1.50 per day.
	10	4	M	1.66½ " "
Average	10	5	M	1.63 " "
Jan. 1878	10	1	M	1.33½ " "
	10	1	M	1.58½ " "
	10	4	M	1.66½ " "
Average	10	6	M	1.59½ " "
July 1878	10	1	M	1.33½ " "
	10	1	M	1.58½ " "
	10	4	M	1.66½ " "
Average	10	6	M	1.59½ " "
Jan. 1879	10	1	M	1.33½ " "
	10	1	M	1.41½ " "
	10	3	M	1.58½ " "
	10	1	M	1.66½ " "
Average	10	6	M	1.53 " "
July 1879	10	1	M	1.33½ " "
	10	4	M	1.41½ " "
	10	1	M	1.50 " "
Average	10	6	M	1.41½ " "
Jan. 1880	10	1	M	1.33½ " "
	10	4	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	6	M	1.53 " "
July 1880	10	5	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	6	M	1.55½ " "
Jan. 1881	10	1	M	1.33½ " "
	10	5	M	1.50 " "
Average	10	6	M	1.47½ " "
July 1881	10	1	M	1.33½ " "
	10	5	M	1.50 " "
Average	10	6	M	1.47½ " "
Jan. 1882	10	5	M	1.50 " "
July 1882	10	4	M	1.50 " "
	10	1	M	2.00 " "
Average	10	5	M	1.60 " "
Jan. 1883	10	4	M	1.50 " "
	10	2	M	2.00 " "
Average	10	6	M	1.66½ " "
July 1883	10	4	M	1.50 " "
	10	2	M	2.00 " "
Average	10	6	M	1.66½ " "
Jan. 1884	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	2	M	1.75 " "
July 1884	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	2	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

TABLE HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886	10	1	M	$1.50 per day.	July 1888	10	2	M	$1.50 per day.
July 1886	10	1	M	1.66⅔ " "		10	1	M	2.00 " "
Jan. 1887	10	1	M	1.66⅔ " "	Average	10	3	M	1.66⅔ " "
	10	1	M	2.00 " "					
Average	10	2	M	1.83⅓ " "	Jan. 1889	10	2	M	1.50 " "
					July 1889	10	2	M	1.50 " "
July 1887	10	1	M	1.66⅔ " "	Jan. 1890	10	1	M	1.50 " "
	10	1	M	2.00 " "	July 1890	10	1	M	1.50 " "
Average	10	2	M	1.83⅓ " "	Jan. 1891	10	4	M	1.50 " "
						10	1	M	1.66⅔ " "
Jan. 1888	10	2	M	1.50 " "	Average	10	5	M	1.53⅓ " "
	10	1	M	2.00 " "	July 1891	10	4	M	1.50 " "
Average	10	3	M	1.66⅔ " "		10	1	M	1.66⅔ " "
					Average	10	5	M	1.53⅓ " "

WHITENERS.

Jan. 1856	11	1	M	.83⅓ per day.	Jan. 1863	11	1	M	1.16⅔ per day.
July 1856	11	1	M	.83⅓ " "		11	1	M	1.66⅔ " "
Jan. 1857	11	1	M	1.16⅔ " "		11	1	M	1.83⅓ " "
July 1857	11	1	M	1.16⅔ " "	Average	11	3	M	1.55½ " "
Jan. 1858	11	1	M	1.16⅔ " "					
July 1858	11	1	M	1.16⅔ " "	July 1863	11	1	M	1.16⅔ " "
						11	1	M	1.83⅓ " "
Jan. 1859	11	1	M	1.00 " "		11	1	M	2.00 " "
	11	2	M	1.16⅔ " "	Average	11	3	M	1.66⅔ " "
	11	1	M	1.33⅓ " "					
Average	11	4	M	1.16⅔ " "	Jan. 1864	11	1	M	1.83⅓ " "
						11	1	M	2.00 " "
July 1859	11	1	M	1.00 " "	Average	11	2	M	1.91⅔ " "
	11	2	M	1.16⅔ " "					
	11	1	M	1.33⅓ " "	July 1864	11	1	M	2.00 " "
Average	11	4	M	1.16⅔ " "		11	1	M	2.16⅔ " "
					Average	11	2	M	2.08⅓ " "
Jan. 1860	11	1	M	.83⅓ " "					
	11	2	M	1.00 " "	Jan. 1865	11	1	M	1.66⅔ " "
	11	2	M	1.16⅔ " "		11	1	M	2.00 " "
Average	11	5	M	1.03⅓ " "		11	1	M	2.16⅔ " "
					Average	11	3	M	1.94⅓ " "
July 1860	11	1	M	.83⅓ " "					
	11	2	M	1.00 " "	July 1865	11	1	M	1.66⅔ " "
	11	2	M	1.16⅔ " "		11	1	M	2.00 " "
Average	11	5	M	1.03⅓ " "		11	1	M	2.16⅔ " "
					Average	11	3	M	1.94⅓ " "
Jan. 1861	11	3	M	1.00 " "					
	11	1	M	1.33⅓ " "	Jan. 1866	11	1	M	1.66⅔ " "
	11	1	M	1.50 " "		11	1	M	2.00 " "
Average	11	5	M	1.16⅔ " "	Average	11	2	M	1.83⅓ " "
July 1861	11	3	M	1.00 " "	July 1866	11	1	M	1.66⅔ " "
	11	2	M	1.50 " "		11	1	M	1.83⅓ " "
Average	11	5	M	1.20 " "	Average	11	2	M	1.75 " "
Jan. 1862	11	2	M	1.16⅔ " "	Jan. 1867	11	1	M	1.66⅔ " "
	11	1	M	1.50 " "		11	1	M	1.83⅓ " "
	11	1	M	1.66⅔ " "	Average	11	2	M	1.75 " "
Average	11	4	M	1.37½ " "					
					July 1867	11	1	M	1.66⅔ " "
July 1862	11	2	M	1.16⅔ " "		11	1	M	1.83⅓ " "
	11	1	M	1.66⅔ " "	Average	11	2	M	1.75 " "
	11	1	M	1.83⅓ " "					
Average	11	4	M	1.45⅚ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

WHITENERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1868	11	2	M	$1.66½ per day.
July 1868	11	2	M	1.66½ " "
Jan. 1869	11	2	M	1.66½ " "
	11	1	M	2.00 " "
Average	11	3	M	1.77½ " "
July 1869	11	2	M	1.66½ " "
	11	1	M	2.00 " "
Average	11	3	M	1.77½ " "
Jan. 1870	10	1	M	1.66½ " "
	10	2	M	2.00 " "
Average	10	3	M	1.89 " "
July 1870	10	1	M	1.66½ " "
	10	2	M	2.00 " "
Average	10	3	M	1.89 " "
Jan. 1871	10	2	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	2.05½ " "
July 1871	10	2	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	2.05½ " "
Jan. 1872	10	2	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	2.05½ " "
July 1872	10	2	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	2.05½ " "
Jan. 1873	10	2	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	2.05½ " "
July 1873	10	2	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	2.05½ " "
Jan. 1874	10	2	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	2.05½ " "
July 1874	10	2	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	3	M	2.05½ " "
Jan. 1875	10	1	M	1.66½ " "
	10	2	M	2.16½ " "
Average	10	3	M	2.00 " "
July 1875	10	1	M	1.66½ " "
	10	2	M	2.16½ " "
Average	10	3	M	2.00 " "
Jan. 1876	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Jan. 1876–conc'd.	10	1	M	$2.00 per day.
	10	1	M	2.16½ " "
Average	10	4	M	1.83½ " "
July 1876	10	1	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	4	M	1.83½ " "
Jan. 1877	10	1	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	4	M	1.83½ " "
July 1877	10	2	M	1.66½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	4	M	1.87½ " "
Jan. 1878	10	3	M	1.66½ " "
	10	1	M	2.00 " "
	10	1	M	2.16½ " "
Average	10	5	M	1.83 " "
July 1878	10	3	M	1.66½ " "
	10	1	M	2.00 " "
	10	1	M	2.08½ " "
Average	10	5	M	1.81½ " "
Jan. 1879	10	1	M	1.50 " "
	10	2	M	1.58½ " "
	10	3	M	1.66½ " "
	10	1	M	2.08½ " "
Average	10	7	M	1.68 " "
July 1879	10	3	M	1.41½ " "
	10	1	M	1.50 " "
	10	1	M	1.58½ " "
	10	1	M	1.66½ " "
	10	1	M	1.91½ " "
Average	10	7	M	1.56 " "
Jan. 1880	10	1	M	1.41½ " "
	10	3	M	1.50 " "
	10	1	M	1.58½ " "
	10	1	M	1.66½ " "
	10	1	M	1.91½ " "
	10	1	M	2.00 " "
Average	10	8	M	1.63½ " "
July 1880	10	1	M	1.41½ " "
	10	3	M	1.50 " "
	10	1	M	1.58½ " "
	10	1	M	1.66½ " "
	10	1	M	1.91½ " "
	10	1	M	2.00 " "
Average	10	8	M	1.63½ " "
Jan. 1881	10	1	M	1.41½ " "
	10	3	M	1.50 " "
	10	1	M	1.58½ " "
	10	1	M	1.66½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Concluded.

WHITENERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881–conc'd.	10	1	M	$1.91½ per day.
	10	1	M	2.00 " "
Average	10	8	M	1.63½ " "
July 1881	10	1	M	1.41½ " "
	10	3	M	1.50 " "
	10	1	M	1.58⅓ " "
	10	1	M	1.66⅔ " "
	10	1	M	1.91⅔ " "
	10	1	M	2.00 " "
Average	10	8	M	1.63½ " "
Jan. 1882	10	1	M	1.41½ " "
	10	3	M	1.50 " "
	10	1	M	1.58⅓ " "
	10	1	M	1.66⅔ " "
	10	1	M	1.91⅔ " "
	10	1	M	2.00 " "
Average	10	8	M	1.63½ " "
July 1882	10	4	M	1.50 " "
	10	1	M	1.58⅓ " "
	10	1	M	1.66⅔ " "
	10	1	M	1.91⅔ " "
	10	1	M	2.00 " "
Average	10	8	M	1.64½ " "
Jan. 1883	10	1	M	1.47½ " "
	10	4	M	1.50 " "
	10	1	M	1.58⅓ " "
	10	2	M	1.66⅔ " "
	10	2	M	2.00 " "
Average	10	10	M	1.64 " "
July 1883	10	1	M	1.16⅔ " "
	10	3	M	1.50 " "
	10	1	M	1.58⅓ " "
	10	3	M	1.66⅔ " "
	10	2	M	2.00 " "
Average	10	10	M	1.62½ " "
Jan. 1884	10	4	M	1.50 " "
	10	1	M	1.58⅓ " "
	10	2	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	2	M	2.00 " "
Average	10	10	M	1.67½ " "
July 1884	10	4	M	1.50 " "
	10	1	M	1.58⅓ " "
	10	2	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	2	M	2.00 " "
Average	10	10	M	1.67½ " "
Jan. 1885	10	1	M	$1.66⅔ per day.
July 1885	10	1	M	1.66⅔ " "
Jan. 1886	10	2	M	1.66⅔ " "
July 1886	10	1	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
Average	10	2	M	1.75 " "
Jan. 1887	10	6	M	1.66⅔ " "
	10	4	M	1.83⅓ " "
Average	10	10	M	1.73½ " "
July 1887	10	6	M	1.66⅔ " "
	10	4	M	1.83⅓ " "
Average	10	10	M	1.73½ " "
Jan. 1888	10	4	M	1.66⅔ " "
	10	2	M	1.83⅓ " "
Average	10	6	M	1.72 " "
July 1888	10	4	M	1.66⅔ " "
	10	2	M	1.83⅓ " "
Average	10	6	M	1.72 " "
Jan. 1889	10	2	M	1.50 " "
	10	4	M	1.66⅔ " "
Average	10	6	M	1.61 " "
July 1889	10	2	M	1.50 " "
	10	4	M	1.66⅔ " "
Average	10	6	M	1.61 " "
Jan. 1890	10	2	M	1.50 " "
	10	4	M	1.66⅔ " "
Average	10	6	M	1.61 " "
July 1890	10	2	M	1.50 " "
	10	4	M	1.66⅔ " "
Average	10	6	M	1.61 " "
Jan. 1891	10	2	M	1.50 " "
	10	5	M	1.66⅔ " "
Average	10	7	M	1.62 " "
July 1891	10	2	M	1.50 " "
	10	5	M	1.66⅔ " "
Average	10	7	M	1.62 " "

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS.

BARK GRINDERS.

Jan. 1857	11	2	M	.83⅓ per day.	Jan. 1860	11	2	M	1.50 per day.
July 1857	11	2	M	.83⅓ " "	July 1860	11	2	M	1.50 " "
Jan. 1858	11	2	M	1.00 " "	Jan. 1861	10	2	M	1.66⅔ " "
July 1858	11	2	M	1.00 " "	July 1861	10	2	M	1.66⅔ " "
Jan. 1859	11	2	M	1.33⅓ " "	Jan. 1862	10	2	M	1.66⅔ " "
July 1859	11	2	M	1.33⅓ " "	July 1862	10	2	M	1.66⅔ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

BARK GRINDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1863	10	2	M	$2.00 per day.
July 1863	10	2	M	2.00 " "
Jan. 1864	10	2	M	2.16⅔ " "
July 1864	10	2	M	2.16⅔ " "
Jan. 1865	10	2	M	2.16⅔ " "
July 1865	10	2	M	2.16⅔ " "
Jan. 1866	10	2	M	2.16⅔ " "
July 1866	10	2	M	2.16⅔ " "
Jan. 1867	10	1	M	2.00 " "
	10	1	M	2.16⅔ " "
Average	10	2	M	2.08⅓ " "
July 1867	10	2	M	2.00 " "
Jan. 1868	10	2	M	2.00 " "
July 1868	10	2	M	2.00 " "
Jan. 1869	10	2	M	2.00 " "
July 1869	10	2	M	2.00 " "
Jan. 1870	10	1	M	1.66⅔ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83⅓ " "
July 1870	10	1	M	1.66⅔ " "
	10	1	M	2.00 " "
Average	10	2	M	1.83⅓ " "
Jan. 1871	10	1	M	1.66⅔ " "
	10	3	M	1.83⅓ " "
Average	10	4	M	1.79⅓ " "
July 1871	10	1	M	1.66⅔ " "
	10	3	M	1.83⅓ " "
Average	10	4	M	1.79⅓ " "
Jan. 1872	10	1	M	1.66⅔ " "
	10	3	M	1.83⅓ " "
Average	10	4	M	1.79⅓ " "
July 1872	10	1	M	1.66⅔ " "
	10	3	M	1.83⅓ " "
Average	10	4	M	1.79⅓ " "
Jan. 1873	10	4	M	1.83⅓ " "
July 1873	10	4	M	1.83⅓ " "
Jan. 1874	10	2	M	1.66⅔ " "
	10	2	M	1.83⅓ " "
Average	10	4	M	1.75 " "
July 1874	10	4	M	1.50 " "
Jan. 1875	10	1	M	1.33⅓ " "
	10	3	M	1.50 " "
Average	10	4	M	1.46 " "
July 1875	10	2	M	1.33⅓ " "
	10	2	M	1.50 " "
Average	10	4	M	1.41⅔ " "
Jan. 1876	10	1	M	1.33⅓ " "
	10	2	M	1.50 " "
Average	10	3	M	1.44⅓ " "
July 1876	10	1	M	$1.33⅓ per day.
	10	2	M	1.50 " "
Average	10	3	M	1.44½ " "
Jan. 1877	10	2	M	1.50 " "
July 1877	10	2	M	1.50 " "
Jan. 1878	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	2	M	1.58⅓ " "
July 1878	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	2	M	1.58⅓ " "
Jan. 1879	10	1	M	1.16⅔ " "
	10	1	M	1.50 " "
Average	10	2	M	1.33⅓ " "
July 1879	10	1	M	1.33⅓ " "
	10	1	M	1.50 " "
Average	10	2	M	1.41⅔ " "
Jan. 1880	10	1	M	1.33⅓ " "
	10	1	M	1.66⅔ " "
Average	10	2	M	1.50 " "
July 1880	10	1	M	1.33⅓ " "
	10	1	M	1.66⅔ " "
Average	10	2	M	1.50 " "
Jan. 1881	10	1	M	1.33⅓ " "
	10	1	M	1.50 " "
Average	10	2	M	1.41⅔ " "
July 1881	10	1	M	1.33⅓ " "
	10	1	M	1.50 " "
Average	10	2	M	1.41⅔ " "
Jan. 1882	10	2	M	1.33⅓ " "
July 1882	10	2	M	1.33⅓ " "
Jan. 1883	10	1	M	1.33⅓ " "
	10	2	M	1.50 " "
	10	3	M	1.66⅔ " "
Average	10	6	M	1.55⅓ " "
July 1883	10	1	M	1.33⅓ " "
	10	2	M	1.50 " "
	10	3	M	1.66⅔ " "
Average	10	6	M	1.55⅓ " "
Jan. 1884	10	5	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	6	M	1.52⅔ " "
July 1884	10	3	M	1.50 " "
	10	3	M	1.66⅔ " "
Average	10	6	M	1.58⅓ " "
Jan. 1885	10	5	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	6	M	1.52⅔ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

BARK GRINDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1885	10	3	M	$1.50 per day.
	10	3	M	1.66½ " "
Average	10	6	M	1.58½ " "
Jan. 1886	10	3	M	1.66½ " "
	10	2	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	7	M	1.81 " "
July 1886	10	3	M	1.66½ " "
	10	2	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	7	M	1.81 " "
Jan. 1887	10	1	M	1.33½ " "
	10	6	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	8	M	1.50 " "
July 1887	10	1	M	1.33½ " "
	10	6	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	8	M	1.50 " "
Jan. 1888	10	1	M	1.33½ " "
	10	7	M	1.50 " "
Average	10	8	M	1.48 " "
July 1888	10	1	M	$1.33½ per day.
	10	7	M	1.50 " "
Average	10	8	M	1.48 " "
Jan. 1889	10	1	M	1.33½ " "
	10	7	M	1.50 " "
Average	10	8	M	1.48 " "
July 1889	10	1	M	1.33½ " "
	10	7	M	1.50 " "
Average	10	8	M	1.48 " "
Jan. 1890	10	1	M	1.33½ " "
	10	6	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	8	M	1.50 " "
July 1890	10	3	M	1.50 " "
	10	5	M	1.66½ " "
Average	10	8	M	1.60½ " "
Jan. 1891	10	3	M	1.50 " "
	10	5	M	1.66½ " "
Average	10	8	M	1.60½ " "
July 1891	10	3	M	1.50 " "
	10	5	M	1.66½ " "
Average	10	8	M	1.60½ " "

BEAMSTERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1857	11	5	M	1.00 per day.
July 1857	11	5	M	1.00 " "
Jan. 1858	11	4	M	1.00 " "
	11	1	M	1.16½ " "
Average	11	5	M	1.03½ " "
July 1858	11	4	M	1.00 " "
	11	1	M	1.16½ " "
Average	11	5	M	1.03½ " "
Jan. 1859	11	5	M	1.33½ " "
July 1859	11	5	M	1.33½ " "
Jan. 1860	11	5	M	1.50 " "
July 1860	11	5	M	1.50 " "
Jan. 1861	10	5	M	1.66½ " "
July 1861	10	5	M	1.66½ " "
Jan. 1862	10	1	M	1.66½ " "
	10	4	M	2.00 " "
Average	10	5	M	1.93½ " "
July 1862	10	1	M	1.66½ " "
	10	4	M	2.00 " "
Average	10	5	M	1.93½ " "
Jan. 1863	10	1	M	1.83½ " "
	10	4	M	2.16½ " "
Average	10	5	M	2.10 " "
July 1863	10	1	M	1.83½ per day.
	10	4	M	2.16½ " "
Average	10	5	M	2.10 " "
Jan. 1864	10	4	M	2.16½ " "
July 1864	10	4	M	2.16½ " "
Jan. 1865	10	4	M	2.16½ " "
July 1865	10	4	M	2.16½ " "
Jan. 1866	10	4	M	2.16½ " "
July 1866	10	4	M	2.16½ " "
Jan. 1867	10	4	M	2.00 " "
July 1867	10	4	M	2.00 " "
Jan. 1868	10	4	M	2.00 " "
July 1868	10	4	M	2.00 " "
Jan. 1869	10	4	M	2.00 " "
July 1869	10	1	M	1.83½ " "
	10	4	M	2.00 " "
Average	10	5	M	1.96½ " "
Jan. 1870	10	1	M	1.50 " "
	10	9	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	12	M	1.83½ " "
July 1870	10	1	M	1.66½ " "
	10	9	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	12	M	1.85 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

BEAMSTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1871	10	4	M	$1.66½ per day.
	10	8	M	1.83½ " "
Average	10	12	M	1.78 " "
July 1871	10	4	M	1.66½ " "
	10	8	M	1.83½ " "
Average	10	12	M	1.78 " "
Jan. 1872	10	3	M	1.66½ " "
	10	9	M	1.83½ " "
Average	10	12	M	1.79½ " "
July 1872	10	3	M	1.66½ " "
	10	9	M	1.83½ " "
Average	10	12	M	1.79½ " "
Jan. 1873	10	12	M	1.83½ " "
July 1873	10	12	M	1.83½ " "
Jan. 1874	10	11	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	12	M	1.68 " "
July 1874	10	1	M	1.33½ " "
	10	11	M	1.50 " "
Average	10	12	M	1.48½ " "
Jan. 1875	10	2	M	1.33½ " "
	10	10	M	1.50 " "
Average	10	12	M	1.47½ " "
July 1875	10	9	M	1.33½ " "
	10	3	M	1.50 " "
Average	10	12	M	1.37½ " "
Jan. 1876	10	10	M	1.33½ " "
	10	1	M	1.50 " "
Average	10	11	M	1.35 " "
July 1876	10	10	M	1.33½ " "
	10	1	M	1.50 " "
Average	10	11	M	1.35 " "
Jan. 1877	10	2	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	5	M	1.50 " "
July 1877	10	2	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	5	M	1.50 " "
Jan. 1878	10	1	M	1.33½ " "
	10	3	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	5	M	1.53½ " "
July 1878	10	1	M	1.33½ " "
	10	3	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	5	M	1.53½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1879	10	2	M	$1.16½ per day.
	10	2	M	1.33½ " "
	10	1	M	2.00 " "
Average	10	5	M	1.40 " "
July 1879	10	4	M	1.33½ " "
	10	1	M	2.00 " "
Average	10	5	M	1.47 " "
Jan. 1880	10	3	M	1.33½ " "
	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	5	M	1.50 " "
July 1880	10	2	M	1.33½ " "
	10	1	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	5	M	1.56½ " "
Jan. 1881	10	1	M	1.16½ " "
	10	4	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	8	M	1.39½ " "
July 1881	10	1	M	1.16½ " "
	10	4	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	8	M	1.39½ " "
Jan. 1882	10	1	M	1.16½ " "
	10	3	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	1.66½ "
Average	10	7	M	1.40½ " "
July 1882	10	1	M	1.16½ " "
	10	3	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	7	M	1.40½ " "
Jan. 1883	10	1	M	1.33½ " "
	10	2	M	1.50 " "
	10	3	M	1.66½ " "
Average	10	6	M	1.55½ " "
July 1883	10	1	M	1.33½ " "
	10	2	M	1.50 " "
	10	3	M	1.66½ " "
Average	10	6	M	1.55½ " "
Jan. 1884	10	1	M	1.33½ " "
	10	2	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	5	M	1.53½ " "
July 1884	10	1	M	1.33½ " "
	10	1	M	1.50 " "
	10	3	M	1.66½ " "
Average	10	5	M	1.56½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

BEAMSTERS—Concluded.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate of wages.
Jan. 1885	10	2	M	$1.33½ per day.
	10	1	M	1.50 " "
	10	4	M	1.66⅔ " "
Average	10	7	M	1.54½ " "
July 1885	10	2	M	1.33⅓ " "
	10	1	M	1.50 " "
	10	4	M	1.66⅔ " "
Average	10	7	M	1.54½ " "
Jan. 1886	10	1	M	1.16⅔ " "
	10	7	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	2	M	2.00 " "
Average	10	11	M	1.69½ " "
July 1886	10	1	M	1.16⅔ " "
	10	7	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
	10	2	M	2.00 " "
Average	10	11	M	1.69½ " "
Jan. 1887	10	1	M	1.16⅔ " "
	10	2	M	1.33⅓ " "
	10	11	M	1.50 " "
Average	10	14	M	1.45½ " "
July 1887	10	3	M	1.33⅓ " "
	10	11	M	1.50 " "
Average	10	14	M	1.46½ " "
Jan. 1888	10	3	M	$1.33½ per day.
	10	10	M	1.50 " "
Average	10	13	M	1.46 " "
July 1888	10	3	M	1.33⅓ " "
	10	10	M	1.50 " "
Average	10	13	M	1.46 " "
Jan. 1889	10	7	M	1.33⅓ " "
	10	7	M	1.50 " "
Average	10	14	M	1.41⅔ " "
July 1889	10	6	M	1.33⅓ " "
	10	8	M	1.50 " "
Average	10	14	M	1.43 " "
Jan. 1890	10	4	M	1.33⅓ " "
	10	6	M	1.50 " "
Average	10	10	M	1.43⅓ " "
July 1890	10	1	M	1.33⅓ " "
	10	5	M	1.50 " "
	10	4	M	1.66⅔ " "
Average	10	10	M	1.55 " "
Jan. 1891	10	6	M	1.50 " "
	10	4	M	1.66⅔ " "
Average	10	10	M	1.56⅔ " "
July 1891	10	6	M	1.50 " "
	10	4	M	1.66⅔ " "
Average	10	10	M	1.56⅔ " "

LEACH TENDERS.

Jan. 1857	11	1	M	1.16⅔ per day.
July 1857	11	1	M	1.16⅔ " "
Jan. 1858	11	1	M	1.16⅔ " "
July 1858	11	1	M	1.16⅔ " "
Jan. 1859	11	1	M	1.33⅓ " "
July 1859	11	1	M	1.33⅓ " "
Jan. 1860	11	1	M	1.50 " "
July 1860	11	1	M	1.50 " "
Jan. 1861	10	1	M	1.50 " "
July 1861	10	1	M	1.50 " "
Jan. 1862	10	1	M	1.83⅓ " "
July 1862	10	1	M	1.83⅓ " "
Jan. 1863	10	1	M	2.00 " "
July 1863	10	1	M	2.00 " "
Jan. 1864	10	2	M	2.16⅔ " "
July 1864	10	2	M	2.16⅔ " "
Jan. 1865	10	2	M	2.16⅔ " "
July 1865	10	2	M	2.16⅔ " "
Jan. 1866	10	1	M	2.00 " "
	10	1	M	2.16⅔ " "
Average	10	2	M	2.08½ " "
July 1866	10	2	M	2.00 " "
Jan. 1867	10	2	M	2.00 " "
July 1867	10	2	M	2.00 " "
Jan. 1868	10	2	M	2.00 " "
July 1868	10	2	M	2.00 " "
Jan. 1869	10	2	M	2.00 " "
July 1869	10	2	M	2.00 " "
Jan. 1870	10	1	M	1.66⅔ per day.
	10	1	M	2.00 " "
Average	10	2	M	1.83⅓ " "
July 1870	10	1	M	1.83⅓ " "
	10	1	M	2.00 " "
Average	10	2	M	1.91⅔ " "
Jan. 1871	10	2	M	1.83⅓ " "
	10	1	M	2.33⅓ " "
Average	10	3	M	2.00 " "
July 1871	10	2	M	1.83⅓ " "
	10	1	M	2.33⅓ " "
Average	10	3	M	2.00 " "
Jan. 1872	10	2	M	1.83⅓ " "
	10	1	M	2.33⅓ " "
Average	10	3	M	2.00 " "
July 1872	10	2	M	1.83⅓ " "
	10	1	M	2.33⅓ " "
Average	10	3	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

LEACH TENDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1873	10	3	M	$1.83½ per day.
July 1873	10	3	M	1.83½ " "
Jan. 1874	10	2	M	1.66⅔ " "
	10	1	M	2.00 " "
Average	10	3	M	1.77½ " "
July 1874	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	3	M	1.55½ " "
Jan. 1875	10	1	M	1.33⅓ " "
	10	1	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	3	M	1.55½ " "
July 1875	10	2	M	1.33⅓ " "
	10	1	M	1.83½ " "
Average	10	3	M	1.50 " "
Jan. 1876	10	1	M	1.50 " "
	10	2	M	1.83½ " "
Average	10	3	M	1.72½ " "
July 1876	10	1	M	1.66⅔ " "
	10	2	M	1.83½ " "
Average	10	3	M	1.78 " "
Jan. 1877	10	1	M	1.33⅓ " "
	10	3	M	1.50 " "
Average	10	4	M	1.46 " "
July 1877	10	1	M	1.33⅓ " "
	10	3	M	1.50 " "
Average	10	4	M	1.46 " "
Jan. 1878	10	1	M	1.33⅓ " "
	10	3	M	1.50 " "
Average	10	4	M	1.46 " "
July 1878	10	1	M	1.33⅓ " "
	10	3	M	1.50 " "
Average	10	4	M	1.46 " "
Jan. 1879	10	2	M	1.16⅔ " "
	10	1	M	1.33⅓ " "
	10	1	M	1.50 " "
Average	10	4	M	1.29 " "
July 1879	10	1	M	1.16⅔ " "
	10	2	M	1.33⅓ " "
	10	1	M	1.50 " "
Average	10	4	M	1.33⅓ " "
Jan. 1880	10	3	M	1.33⅓ " "
	10	1	M	1.50 " "
Average	10	4	M	1.37½ " "
July 1880	10	2	M	1.33⅓ " "
	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	4	M	1.46 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881	10	2	M	$1.50 per day.
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.62½ " "
July 1881	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.62½ " "
Jan. 1882	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.62½ " "
July 1882	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.62½ " "
Jan. 1883	10	1	M	1.33⅓ " "
	10	3	M	1.50 " "
Average	10	4	M	1.46 " "
July 1883	10	1	M	1.33⅓ " "
	10	3	M	1.50 " "
Average	10	4	M	1.46 " "
Jan. 1884	10	2	M	1.33½ " "
	10	1	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	4	M	1.50 " "
July 1884	10	2	M	1.33½ " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.54½ " "
Jan. 1885	10	2	M	1.33½ " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.54½ " "
July 1885	10	2	M	1.33½ " "
	10	1	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.54½ " "
Jan. 1886	10	1	M	1.66⅔ " "
	10	2	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.83½ " "
July 1886	10	1	M	1.66⅔ " "
	10	2	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.83½ " "
Jan. 1887	10	1	M	1.33⅓ " "
	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	4	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

LEACH TENDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887	10	1	M	$1.33½ per day.
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	4	M	1.50 " "
Jan. 1888	10	1	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	5	M	1.60 " "
July 1888	10	1	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	5	M	1.60 " "
Jan. 1889	10	1	M	1.33½ " "
	10	3	M	1.50 " "
	10	1	M	2.00 " "
Average	10	5	M	1.56½ " "
July 1889	10	2	M	1.33½ " "
July 1889–cone'd.	10	2	M	$1.50 per day.
	10	1	M	2.00 " "
Average	10	5	M	1.53½ " "
Jan. 1890	10	2	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	5	M	1.53½ " "
July 1890	10	1	M	1.33½ " "
	10	3	M	1.50 " "
	10	1	M	2.00 " "
Average	10	5	M	1.56½ " "
Jan. 1891	10	3	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	6	M	1.50 " "
July 1891	10	3	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	6	M	1.50 " "

LIMERS.

Jan. 1857	11	1	M	1.00 per day.
July 1857	11	1	M	1.00 " "
Jan. 1858	11	1	M	1.16½ " "
July 1858	11	1	M	1.16½ " "
Jan. 1859	11	1	M	1.50 " "
July 1859	11	1	M	1.50 " "
Jan. 1860	11	1	M	1.50 " "
July 1860	11	1	M	1.50 " "
Jan. 1861	10	1	M	1.66½ " "
July 1861	10	1	M	1.66½ " "
Jan. 1862	10	1	M	1.66½ " "
July 1862	10	1	M	1.66½ " "
Jan. 1863	10	1	M	2.00 " "
July 1863	10	1	M	2.00 " "
Jan. 1864	10	1	M	2.16½ " "
July 1864	10	1	M	2.16½ " "
Jan. 1865	10	1	M	2.16½ " "
July 1865	10	1	M	2.16½ " "
Jan. 1866	10	1	M	2.16½ " "
July 1866	10	1	M	2.16½ " "
Jan. 1867	10	1	M	2.00 " "
July 1867	10	1	M	2.00 " "
Jan. 1868	10	1	M	2.00 " "
July 1868	10	1	M	2.00 " "
Jan. 1869	10	1	M	2.00 " "
July 1869	10	1	M	2.00 " "
Jan. 1870	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
July 1870	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
Jan. 1871	10	1	M	1.66½ " "
July 1871	10	1	M	1.66½ " "
Jan. 1872	10	1	M	1.66½ " "
July 1872	10	1	M	1.66½ per day.
Jan. 1873	10	1	M	1.66½ " "
July 1873	10	1	M	1.66½ " "
Jan. 1874	10	1	M	1.66½ " "
July 1874	10	1	M	1.66½ " "
Jan. 1875	10	1	M	1.50 " "
July 1875	10	1	M	1.50 " "
Jan. 1876	10	1	M	1.50 " "
July 1876	10	1	M	1.50 " "
Jan. 1877	10	1	M	1.50 " "
July 1877	10	1	M	1.50 " "
Jan. 1878	10	1	M	1.66½ " "
July 1878	10	1	M	1.66½ " "
Jan. 1879	10	1	M	1.66½ " "
July 1879	10	1	M	1.66½ " "
Jan. 1880	10	1	M	1.66½ " "
July 1880	10	1	M	1.66½ " "
Jan. 1881	10	1	M	1.50 " "
July 1881	10	1	M	1.50 " "
Jan. 1882	10	1	M	1.50 " "
July 1882	10	1	M	1.50 " "
Jan. 1883	10	1	M	1.33½ " "
	10	1	M	1.66½ " "
Average	10	2	M	1.50 " "
July 1883	10	1	M	1.33½ " "
	10	1	M	1.66½ " "
Average	10	2	M	1.50 " "
Jan. 1884	10	2	M	1.33½ " "
July 1884	10	2	M	1.33½ " "
Jan. 1885	10	1	M	1.16½ " "
	10	2	M	1.33½ " "
Average	10	3	M	1.28 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

LIMERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1885	10	1	M	$1.16½ per day.	Jan. 1888	10	1	M	$1.33½ per day.
	10	2	M	1.50 " "		10	2	M	1.50 " "
Average	10	3	M	1.39 " "	Average	10	3	M	1.44½ " "
Jan. 1886	10	1	M	1.33½ " "	July 1888	10	1	M	1.33½ " "
	10	2	M	1.50 " "		10	2	M	1.50 " "
Average	10	3	M	1.44½ " "	Average	10	3	M	1.44½ " "
July 1886	10	1	M	1.33½ " "	Jan. 1889	10	1	M	1.33½ " "
	10	2	M	1.50 " "		10	2	M	1.50 " "
Average	10	3	M	1.44½ " "	Average	10	3	M	1.44½ " "
Jan. 1887	10	1	M	1.33½ " "	July 1889	10	1	M	1.33½ " "
	10	2	M	1.50 " "		10	2	M	1.50 " "
Average	10	3	M	1.44½ " "	Average	10	3	M	1.44½ " "
July 1887	10	1	M	1.33½ " "	Jan. 1890	10	3	M	1.50 " "
	10	2	M	1.50 " "	July 1890	10	3	M	1.50 " "
					Jan. 1891	10	3	M	1.50 " "
Average	10	3	M	1.44½ " "	July 1891	10	3	M	1.50 " "

SHAVERS.

Jan. 1857	11	2	M	2.16⅔ per day.	Jan. 1872	10	3	M	3.00 per day.
July 1857	11	2	M	2.16⅔ " "	July 1872	10	3	M	3.00 " "
Jan. 1858	11	2	M	2.16⅔ " "	Jan. 1873	10	3	M	3.00 " "
July 1858	11	2	M	2.16⅔ " "	July 1873	10	3	M	3.00 " "
Jan. 1859	11	2	M	2.50 " "	Jan. 1874	10	3	M	2.83½ " "
July 1859	11	2	M	2.50 " "	July 1874	10	3	M	2.83½ " "
Jan. 1860	11	2	M	2.50 " "	Jan. 1875	10	3	M	2.83½ " "
July 1860	11	2	M	2.50 " "	July 1875	10	3	M	2.83½ " "
Jan. 1861	10	2	M	2.50 " "	Jan. 1876	10	3	M	2.83½ " "
July 1861	10	1	M	2.50 " "	July 1876	10	3	M	2.83½ " "
Jan. 1862	10	1	M	2.50 " "	Jan. 1877	10	3	M	2.66½ " "
July 1862	10	1	M	2.50 " "	July 1877	10	3	M	2.66½ " "
Jan. 1863	10	1	M	2.50 " "	Jan. 1878	10	4	M	2.33½ " "
July 1863	10	1	M	2.50 " "	July 1878	10	4	M	2.33½ " "
Jan. 1864	10	1	M	3.00 " "	Jan. 1879	10	4	M	2.33½ " "
July 1864	10	1	M	3.00 " "	July 1879	10	4	M	2.50 " "
Jan. 1865	10	1	M	3.00 " "	Jan. 1880	10	4	M	2.83½ " "
July 1865	10	1	M	3.00 " "	July 1880	10	4	M	2.83½ " "
Jan. 1866	10	1	M	3.00 " "					
July 1866	10	1	M	3.00 " "	Jan. 1881	10	4	M	2.66½ " "
Jan. 1867	10	1	M	2.83½ " "		10	4	M	2.83½ " "
July 1867	10	1	M	2.83½ " "	Average	10	8	M	2.75 " "
Jan. 1868	10	1	M	2.83½ " "					
July 1868	10	1	M	2.83½ " "	July 1881	10	8	M	2.83½ " "
Jan. 1869	10	1	M	2.66½ " "	Jan. 1882	10	8	M	2.83½ " "
July 1869	10	1	M	2.66½ " "	July 1882	10	8	M	2.83⅓ " "
					Jan. 1883	10	2	M	2.83⅓ " "
Jan. 1870	10	1	M	2.66⅔ " "	July 1883	10	2	M	2.83⅓ " "
	10	3	M	2.83⅓ " "	Jan. 1884	10	2	M	2.83⅓ " "
Average	10	4	M	2.79½ " "	July 1884	10	2	M	2.83⅓ " "
					Jan. 1885	10	2	M	2.83⅓ " "
July 1870	10	1	M	2.66⅔ " "	July 1885	10	2	M	2.83½ " "
	10	3	M	2.83⅓ " "	Jan. 1886	10	2	M	2.66⅔ " "
Average	10	4	M	2.79½ " "	July 1886	10	2	M	2.66½ " "
Jan. 1871	10	2	M	2.66⅔ " "	Jan. 1887	10	1	M	2.66½ " "
	10	1	M	2.83⅓ " "		10	1	M	2.83⅓ " "
Average	10	3	M	2.72 " "	Average	10	2	M	2.75 " "
July 1871	10	2	M	2.66⅔ " "	July 1887	10	1	M	2.66⅔ " "
	10	1	M	2.83⅓ " "		10	1	M	2.83⅓ " "
Average	10	3	M	2.72 " "	Average	10	2	M	2.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

SHAVERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1888	10	1	M	$2.66½ per day.	Jan. 1889	10	2	M	$2.83½ per day.
	10	1	M	2.83½ " "	July 1889	10	2	M	2.83½ " "
Average	10	2	M	2.75 " "	Jan. 1890	10	2	M	2.83½ " "
					July 1890	10	2	M	2.83½ " "
July 1888	10	1	M	2.66½ " "	Jan. 1891	10	2	M	2.83½ " "
	10	1	M	2.83½ " "	July 1891	10	2	M	2.83½ " "
Average	10	2	M	2.75 " "					

YARD HANDS.

Jan. 1857	11	11	M	1.00 per day.	Jan. 1867	10	5	M	2.00 per day.
July 1857	11	11	M	1.00 " "		10	2	M	2.16½ " "
Jan. 1858	11	11	M	1.00 " "	Average	10	7	M	2.04½ " "
July 1858	11	11	M	1.00 " "					
Jan. 1859	11	13	M	1.16½ " "	July 1867	10	5	M	2.00 " "
July 1859	11	13	M	1.16½ " "		10	2	M	2.16½ " "
Jan. 1860	11	13	M	1.16½ " "	Average	10	7	M	2.04½ " "
July 1860	11	13	M	1.16½ " "					
					Jan. 1868	10	7	M	2.00 " "
Jan. 1861	10	1	M	1.16½ " "	July 1868	10	7	M	2.00 " "
	10	6	M	1.33½ " "	Jan. 1869	10	7	M	2.00 " "
	10	6	M	1.50 " "	July 1869	10	7	M	2.00 " "
Average	10	13	M	1.40 " "					
					Jan. 1870	10	3	M	1.66½ " "
July 1861	10	13	M	1.50 " "		10	7	M	1.83½ " "
						10	4	M	2.00 " "
Jan. 1862	10	8	M	1.50 " "	Average	10	14	M	1.84½ " "
	10	1	M	1.66½ " "					
Average	10	9	M	1.52 " "	July 1870	10	3	M	1.66½ " "
						10	7	M	1.83½ " "
July 1862	10	8	M	1.50 " "		10	4	M	2.00 " "
	10	1	M	1.66½ " "	Average	10	14	M	1.84½ " "
Average	10	9	M	1.52 " "					
					Jan. 1871	10	1	M	1.33½ " "
Jan. 1863	10	7	M	1.50 " "		10	2	M	1.50 " "
	10	1	M	1.66½ " "		10	3	M	1.83½ " "
	10	1	M	1.83½ " "	Average	10	6	M	1.64 " "
Average	10	9	M	1.55½ " "					
					July 1871	10	1	M	1.33½ " "
July 1863	10	7	M	1.50 " "		10	2	M	1.50 " "
	10	1	M	1.66½ " "		10	3	M	1.83½ " "
	10	1	M	1.83½ " "	Average	10	6	M	1.64 " "
Average	10	9	M	1.55½ " "	Jan. 1872	10	1	M	1.50 " "
						10	5	M	1.83½ " "
Jan. 1864	10	7	M	2.00 " "	Average	10	6	M	1.78 " "
	10	1	M	2.16½ " "					
Average	10	8	M	2.02 " "	July 1872	10	1	M	1.50 " "
						10	5	M	1.83½ " "
July 1864	10	7	M	2.00 " "	Average	10	6	M	1.78 " "
	10	1	M	2.16½ " "					
Average	10	8	M	2.02 " "	Jan. 1873	10	3	M	1.83½ " "
						10	3	M	2.00 " "
Jan. 1865	10	2	M	2.00 " "	Average	10	6	M	1.91½ " "
	10	6	M	2.16½ " "					
Average	10	8	M	2.12½ " "	July 1873	10	3	M	1.83½ " "
						10	3	M	2.00 " "
July 1865	10	2	M	2.00 " "	Average	10	6	M	1.91½ " "
	10	6	M	2.16½ " "					
Average	10	8	M	2.12½ " "	Jan. 1874	10	5	M	1.66½ " "
						10	1	M	1.83½ " "
Jan. 1866	10	7	M	2.16½ " "	Average	10	6	M	1.69½ " "
July 1866	10	7	M	2.16½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

YARD HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1874	10	4	M	$1.50 per day.
	10	2	M	1.66½ " "
Average	10	6	M	1.55½ " "
Jan. 1875	10	6	M	1.50 " "
July 1875	10	4	M	1.33½ " "
	10	2	M	1.50 " "
Average	10	6	M	1.39 " "
Jan. 1876	10	2	M	1.16½ " "
	10	3	M	1.33½ " "
	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	7	M	1.35½ " "
July 1876	10	5	M	1.33½ " "
	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	7	M	1.40½ " "
Jan. 1877	10	3	M	1.16½ " "
	10	4	M	1.33½ " "
	10	2	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	12	M	1.41½ " "
July 1877	10	3	M	1.16½ " "
	10	4	M	1.33½ " "
	10	2	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	12	M	1.41½ " "
Jan. 1878	10	3	M	1.16½ " "
	10	4	M	1.33½ " "
	10	2	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	12	M	1.41½ " "
July 1878	10	3	M	1.16½ " "
	10	4	M	1.33½ " "
	10	2	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	12	M	1.41½ " "
Jan. 1879	10	6	M	1.16½ " "
	10	3	M	1.33½ " "
	10	1	M	1.83½ " "
Average	10	10	M	1.28½ " "
July 1879	10	2	M	1.16½ " "
	10	7	M	1.33½ " "
	10	1	M	1.83½ " "
Average	10	10	M	1.35 " "
Jan. 1880	10	2	M	1.16½ " "
	10	3	M	1.33½ " "
	10	3	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	9	M	1.41 " "
July 1880	10	5	M	$1.33½ per day.
	10	3	M	1.50 " "
	10	1	M	2.00 " "
Average	10	9	M	1.46½ " "
Jan. 1881	10	1	M	1.16½ " "
	10	6	M	1.33½ " "
	10	3	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	12	M	1.44½ " "
July 1881	10	1	M	1.16½ " "
	10	5	M	1.33½ " "
	10	4	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	12	M	1.46 " "
Jan. 1882	10	6	M	1.33½ " "
	10	6	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	14	M	1.47½ " "
July 1882	10	6	M	1.33½ " "
	10	6	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	14	M	1.47½ " "
Jan. 1883	10	7	M	1.33½ " "
	10	4	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	15	M	1.50 " "
July 1883	10	7	M	1.33½ " "
	10	4	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	15	M	1.50 " "
Jan. 1884	10	7	M	1.33½ " "
	10	8	M	1.50 " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	17	M	1.48 " "
July 1884	10	5	M	1.33½ " "
	10	9	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	17	M	1.51 " "
Jan. 1885	10	4	M	1.33½ " "
	10	4	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	12	M	1.54 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Concluded.

YARD HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1885	10	4	M	$1.33½ per day.	July 1888	10	7	M	$1.33½ per day.
	10	4	M	1.50 " "		10	8	M	1.50 " "
	10	2	M	1.66⅔ " "					
	10	1	M	1.83½ " "	Average	10	15	M	1.42½ " "
	10	1	M	2.00 " "					
					Jan. 1889	10	14	M	1.33½ " "
Average	10	12	M	1.54 " "		10	7	M	1.50 " "
					Average	10	21	M	1.39 " "
Jan. 1886	10	3	M	1.33½ " "					
	10	3	M	1.50 " "	July 1889	10	9	M	1.33½ " "
	10	3	M	1.66⅔ " "		10	12	M	1.50 " "
	10	1	M	1.83½ " "					
	10	1	M	2.00 " "	Average	10	21	M	1.43 " "
Average	10	11	M	1.57½ " "	Jan. 1890	10	8	M	1.33½ " "
						10	3	M	1.50 " "
July 1886	10	3	M	1.33½ " "		10	3	M	1.66⅔ " "
	10	1	M	1.50 " "					
	10	5	M	1.66⅔ " "	Average	10	14	M	1.44 " "
	10	1	M	1.83½ " "					
	10	1	M	2.00 " "	July 1890	10	3	M	1.33½ " "
						10	7	M	1.50 " "
Average	10	11	M	1.60½ " "		10	4	M	1.66⅔ " "
					Average	10	14	M	1.51 " "
Jan. 1887	10	4	M	1.33½ " "					
	10	9	M	1.50 " "	Jan. 1891	10	5	M	1.33½ " "
						10	7	M	1.50 " "
Average	10	13	M	1.45 " "		10	4	M	1.66⅔ " "
						10	1	M	1.83½ " "
July 1887	10	4	M	1.33½ " "					
	10	9	M	1.50 " "	Average	10	17	M	1.51 " "
Average	10	13	M	1.45 " "	July 1891	10	5	M	1.33½ " "
						10	7	M	1.50 " "
Jan. 1888	10	7	M	1.33½ " "		10	4	M	1.66⅔ " "
	10	8	M	1.50 " "		10	1	M	1.83½ " "
Average	10	15	M	1.42½ " "	Average	10	17	M	1.51 " "

LUMBER: ESTABLISHMENT No. 52, NEW HAMPSHIRE.

LABORERS.

Jan. 1858	12	2	M	*a*.38½ per day.	Oct. 1870	12	2	M	*a*.69 per day.
Oct. 1858	12	3	M	*a*.38½ " "	Jan. 1871	12	2	M	*a*.69 " "
Jan. 1859	12	4	M	*a*.38½ " "	Oct. 1871	12	2	M	*a*.69 " "
Oct. 1859	12	4	M	*a*.38½ " "	Jan. 1872	12	2	M	*a*.69 " "
Jan. 1860	12	4	M	*a*.38½ " "	Oct. 1872	12	2	M	*a*.69 " "
Oct. 1860	12	4	M	*a*.38½ " "	Jan. 1873	12	3	M	*a*.69 " "
Jan. 1861	12	3	M	*a*.38½ " "	Oct. 1873	12	3	M	*a*.69 " "
Oct. 1861	12	3	M	*a*.38½ " "	Jan. 1874	12	1	M	*a*.69 " "
Jan. 1862	12	2	M	*a*.46 " "	Oct. 1874	12	2	M	*a*.69 " "
Oct. 1862	12	3	M	*a*.46 " "	Jan. 1875	12	2	M	*a*.69 " "
Jan. 1863	12	2	M	*a*.61½ " "	Oct. 1875	12	1	M	*a*.69 " "
Oct. 1863	12	2	M	*a*.61½ " "	Jan. 1876	12	2	M	*a*.69 " "
Jan. 1864	12	2	M	*a*.69 " "	Oct. 1876	12	2	M	*a*.69 " "
Oct. 1864	12	1	M	*a*.69 " "	Jan. 1877	12	2	M	*a*.69 " "
Jan. 1865	12	2	M	*a*.69 " "	Oct. 1877	12	2	M	*a*.69 " "
Oct. 1865	12	2	M	*a*.69 " "	Jan. 1878	12	2	M	*a*.69 " "
Jan. 1866	12	2	M	*a*.69 " "	Oct. 1878	12	2	M	*a*.69 " "
Oct. 1866	12	3	M	*a*.69 " "	Jan. 1879	12	2	M	*a*.69 " "
Jan. 1867	12	3	M	*a*.69 " "	Oct. 1879	12	2	M	*a*.69 " "
Oct. 1867	12	3	M	*a*.69 " "	Jan. 1880	12	2	M	*a*.69 " "
Jan. 1868	12	3	M	*a*.69 " "	Oct. 1880	12	2	M	*a*.69 " "
Oct. 1868	12	3	M	*a*.69 " "	Jan. 1881	12	3	M	*a*.75 " "
Jan. 1869	12	3	M	*a*.69 " "	Oct. 1881	12	3	M	*a*.75 " "
Oct. 1869	12	3	M	*a*.69 " "	Jan. 1882	12	3	M	*a*.75 " "
Jan. 1870	12	3	M	*a*.69 " "	Oct. 1882	12	3	M	*a*.75 " "

a And board.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 52, NEW HAMPSHIRE—Continued.

LABORERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883	12	3	M	*a* $0.75 per day.	Oct. 1887	10	3	M	*a* $0.75 per day.
Oct. 1883	12	3	M	*a* .75 " "	Jan. 1888	10	2	M	*a* .75 " "
Jan. 1884	12	3	M	*a* .75 " "	Oct. 1888	10	2	M	*a* .75 " "
Oct. 1884	12	3	M	*a* .75 " "	Jan. 1889	10	2	M	*a* .75 " "
Jan. 1885	12	3	M	*a* .75 " "	Oct. 1889	10	2	M	*a* .75 " "
Oct. 1885	12	3	M	*a* .75 " "	Jan. 1890	10	2	M	*a* .75 " "
Jan. 1886	12	3	M	*a* .75 " "	Oct. 1890	10	2	M	*a* .75 " "
Oct. 1886	12	3	M	*a* .75 " "	Jan. 1891	10	2	M	*a* .75 " "
Jan. 1887	10	3	M	*a* .75 " "	Oct. 1891	10	2	M	*a* .75 " "

LUMBERMEN.

Jan. 1858	12	5	M	*a* .38½ per day.	Jan. 1864	12	7	M	*a* .76½ per day.
	12	10	M	*a* .57½ " "		12	7	M	*a* 1.15 " "
Average	12	15	M	*a* .51 " "	Average	12	14	M	*a* .95½ " "
Oct. 1858	12	6	M	*a* .38½ " "	Oct. 1864	12	7	M	*a* .76½ " "
	12	12	M	*a* .57½ " "		12	9	M	*a* 1.15 " "
Average	12	18	M	*a* .51 " "	Average	12	16	M	*a* .98 " "
Jan. 1859	12	8	M	*a* .38½ " "	Jan. 1865	12	5	M	*a* .76½ " "
	12	8	M	*a* .57½ " "		12	10	M	*a* 1.15 " "
Average	12	16	M	*a* .48 " "	Average	12	15	M	*a* 1.02 " "
Oct. 1859	12	8	M	*a* .38½ " "	Oct. 1865	12	8	M	*a* .76½ " "
	12	10	M	*a* .57½ " "		12	15	M	*a* 1.15 " "
Average	12	18	M	*a* .49 " "	Average	12	23	M	*a* 1.01½ " "
Jan. 1860	12	7	M	*a* .38½ " "	Jan. 1866	12	7	M	*a* .76½ " "
	12	12	M	*a* .57½ " "		12	14	M	*a* 1.15 " "
Average	12	19	M	*a* .50½ " "	Average	12	21	M	*a* 1.02 " "
Oct. 1860	12	4	M	*a* .38½ " "	Oct. 1866	12	5	M	*a* .76½ " "
	12	12	M	*a* .57½ " "		12	14	M	*a* 1.15 " "
Average	12	16	M	*a* .52½ " "	Average	12	19	M	*a* 1.05 " "
Jan. 1861	12	9	M	*a* .38½ " "	Jan. 1867	12	6	M	*a* .76½ " "
	12	14	M	*a* .57½ " "		12	16	M	*a* 1.15 " "
Average	12	23	M	*a* .50 " "	Average	12	22	M	*a* 1.04½ " "
Oct. 1861	12	9	M	*a* .38½ " "	Oct. 1867	12	6	M	*a* .76½ " "
	12	15	M	*a* .57½ " "		12	12	M	*a* 1.15 " "
Average	12	24	M	*a* .50½ " "	Average	12	18	M	*a* 1.02 " "
Jan. 1862	12	7	M	*a* .50 " "	Jan. 1868	12	4	M	*a* .76½ " "
	12	10	M	*a* .76½ " "		12	12	M	*a* 1.15 " "
Average	12	17	M	*a* .65½ " "	Average	12	16	M	*a* 1.05½ " "
Oct. 1862	12	8	M	*a* .50 " "	Oct. 1868	12	5	M	*a* .76½ " "
	12	8	M	*a* .76½ " "		12	10	M	*a* 1.15 " "
Average	12	16	M	*a* .63½ " "	Average	12	15	M	*a* 1.02 " "
Jan. 1863	12	6	M	*a* .69 " "	Jan. 1869	12	4	M	*a* .76½ " "
	12	6	M	*a* 1.15 " "		12	15	M	*a* 1.15 " "
Average	12	12	M	*a* .92 " "	Average	12	19	M	*a* 1.07 " "
Oct. 1863	12	6	M	*a* .76½ " "	Oct. 1869	12	4	M	*a* .76½ " "
	12	5	M	*a* 1.15 " "		12	15	M	*a* 1.15 " "
Average	12	11	M	*a* .94 " "	Average	12	19	M	*a* 1.07 " "

a And board.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 52, NEW HAMPSHIRE—Continued.

LUMBERMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1870	12	3	M	*a* $0.76½ per day.	Oct. 1877	12	7	M	*a* $0.76½ per day.
	12	11	M	*a* 1.15 " "		12	7	M	*a* 1.15 " "
Average	12	14	M	*a* 1.06½ " "	Average	12	14	M	*a* .95½ " "
Oct. 1870	12	5	M	*a* .76½ " "	Jan. 1878	12	4	M	*a* .76½ " "
	12	14	M	*a* 1.15 " "		12	14	M	*a* 1.15 " "
Average	12	19	M	*a* 1.05 " "	Average	12	18	M	*a* 1.06½ " "
Jan. 1871	12	5	M	*a* .76½ " "	Oct. 1878	12	3	M	*a* .76½ " "
	12	12	M	*a* 1.15 " "		12	10	M	*a* 1.15 " "
Average	12	17	M	*a* 1.03½ " "	Average	12	13	M	*a* 1.06 " "
Oct. 1871	12	6	M	*a* .76½ " "	Jan. 1879	12	2	M	*a* .76½ " "
	12	13	M	*a* 1.15 " "		12	8	M	*a* 1.15 " "
Average	12	19	M	*a* 1.03 " "	Average	12	10	M	*a* 1.07½ " "
Jan. 1872	12	7	M	*a* .76½ " "	Oct. 1879	12	5	M	*a* .76½ " "
	12	14	M	*a* 1.15 " "		12	9	M	*a* 1.15 " "
Average	12	21	M	*a* 1.02 " "	Average	12	14	M	*a* 1.01½ " "
Oct. 1872	12	5	M	*a* .76½ " "	Jan. 1880	12	3	M	*a* .76½ " "
	12	10	M	*a* 1.15 " "		12	8	M	*a* 1.15 " "
Average	12	15	M	*a* 1.02 " "	Average	12	11	M	*a* 1.04½ " "
Jan. 1873	12	4	M	*a* .76½ " "	Oct. 1880	12	4	M	*a* .76½ " "
	12	12	M	*a* 1.15 " "		12	7	M	*a* 1.15 " "
Average	12	16	M	*a* 1.05½ " "	Average	12	11	M	*a* 1.01 " "
Oct. 1873	12	3	M	*a* .76½ " "	Jan. 1881	12	4	M	*a* .85 " "
	12	14	M	*a* 1.15 " "		12	10	M	*a* 1.00 " "
Average	12	17	M	*a* 1.08 " "	Average	12	14	M	*a* .95½ " "
Jan. 1874	12	2	M	*a* .76½ " "	Oct. 1881	12	4	M	*a* .85 " "
	12	16	M	*a* 1.15 " "		12	9	M	*a* 1.00 " "
Average	12	18	M	*a* 1.10½ " "	Average	12	13	M	*a* .95½ " "
Oct. 1874	12	3	M	*a* .76½ " "	Jan. 1882	12	3	M	*a* .85 " "
	12	10	M	*a* 1.15 " "		12	12	M	*a* 1.00 " "
Average	12	13	M	*a* 1.06 " "	Average	12	15	M	*a* .97 " "
Jan. 1875	12	5	M	*a* .76½ " "	Oct. 1882	12	3	M	*a* .85 " "
	12	9	M	*a* 1.15 " "		12	10	M	*a* 1.00 " "
Average	12	14	M	*a* 1.01½ " "	Average	12	13	M	*a* .96½ " "
Oct. 1875	12	4	M	*a* .76½ " "	Jan. 1883	12	2	M	*a* .85 " "
	12	8	M	*a* 1.15 " "		12	10	M	*a* 1.00 " "
Average	12	12	M	*a* 1.02 " "	Average	12	12	M	*a* .97½ " "
Jan. 1876	12	4	M	*a* .76½ " "	Oct. 1883	12	3	M	*a* .85 " "
	12	10	M	*a* 1.15 " "		12	9	M	*a* 1.00 " "
Average	12	14	M	*a* 1.04 " "	Average	12	12	M	*a* .96½ " "
Oct. 1876	12	6	M	*a* .76½ " "	Jan. 1884	12	4	M	*a* .85 " "
	12	12	M	*a* 1.15 " "		12	9	M	*a* 1.00 " "
Average	12	18	M	*a* 1.02 " "	Average	12	13	M	*a* .95½ " "
Jan. 1877	12	5	M	*a* .76½ " "	Oct. 1884	12	5	M	*a* .85 " "
	12	10	M	*a* 1.15 " "		12	9	M	*a* 1.00 " "
Average	12	15	M	*a* 1.02 " "	Average	12	14	M	*a* .94½ " "

a And board.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 52, NEW HAMPSHIRE—Concluded.

LUMBERMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1885	12	4	M	*a* $0.85 per day.	Oct. 1888	10	4	M	*a* $0.85 per day.
	12	12	M	*a* 1.00 " "		10	10	M	*a* 1.00 " "
Average	12	16	M	*a* .96½ " "	Average	10	14	M	*a* .95½ " "
Oct. 1885	12	3	M	*a* .85 " "	Jan. 1889	10	4	M	*a* .85 " "
	12	12	M	*a* 1.00 " "		10	10	M	*a* 1.00 " "
Average	12	15	M	*a* .97 " "	Average	10	14	M	*a* .95½ " "
Jan. 1886	12	3	M	*a* .85 " "	Oct. 1889	10	5	M	*a* .85 " "
	12	10	M	*a* 1.00 " "		10	10	M	*a* 1.00 " "
Average	12	13	M	*a* .96½ " "	Average	10	15	M	*a* .95 " "
Oct. 1886	12	3	M	*a* .85 " "	Jan. 1890	10	4	M	*a* .85 " "
	12	10	M	*a* 1.00 " "		10	9	M	*a* 1.00 " "
Average	12	13	M	*a* .96½ " "	Average	10	13	M	*a* .95½ " "
Jan. 1887	10	4	M	*a* .85 " "	Oct. 1890	10	3	M	*a* .85 " "
	10	10	M	*a* 1.00 " "		10	10	M	*a* 1.00 " "
Average	10	14	M	*a* .95½ " "	Average	10	13	M	*a* .96½ " "
Oct. 1887	10	5	M	*a* .85 " "	Jan. 1891	10	2	M	*a* .85 " "
	10	9	M	*a* 1.00 " "		10	10	M	*a* 1.00 " "
Average	10	14	M	*a* .94½ " "	Average	10	12	M	*a* .97½ " "
Jan. 1888	10	3	M	*a* .85 " "	Oct. 1891	10	3	M	*a* .85 " "
	10	9	M	*a* 1.00 " "		10	10	M	*a* 1.00 " "
Average	10	12	M	*a* .96½ " "	Average	10	13	M	*a* .96½ " "

LUMBER: ESTABLISHMENT No. 53, NEW YORK.

SALESMEN.

Jan. 1848	11	1	M	1.50 per day.	Jan. 1862	10	1	M	1.25 per day.
July 1848	11	1	M	1.50 " "		10	1	M	1.50 " "
Jan. 1849	11	1	M	1.50 " "					
July 1849	11	1	M	1.50 " "	Average	10	2	M	1.37½ " "
Jan. 1850	11	1	M	1.50 " "					
July 1850	11	1	M	1.50 " "	July 1862	10	2	M	1.50 " "
Jan. 1851	11	1	M	1.50 " "					
July 1851	11	1	M	1.50 " "	Jan. 1863	10	1	M	1.50 " "
Jan. 1852	11	1	M	1.50 " "		10	1	M	1.91½ " "
July 1852	11	1	M	1.50 " "					
Jan. 1853	10	1	M	1.50 " "	Average	10	2	M	1.70½ " "
July 1853	10	1	M	1.50 " "					
Jan. 1854	10	1	M	1.50 " "					
July 1854	10	1	M	1.50 " "	July 1863	10	1	M	1.12½ " "
Jan. 1855	10	1	M	1.50 " "		10	2	M	1.50 " "
July 1855	10	1	M	1.50 " "		10	1	M	1.91½ " "
Jan. 1856	10	1	M	1.50 " "					
July 1856	10	1	M	1.50 " "	Average	10	4	M	1.51 " "
Jan. 1857	10	1	M	1.50 " "					
July 1857	10	1	M	1.50 " "					
Jan. 1858	10	1	M	1.50 " "	Jan. 1864	10	1	M	1.25 " "
July 1858	10	1	M	1.50 " "		10	1	M	1.91½ " "
Jan. 1859	10	1	M	1.50 " "		10	1	M	2.00 " "
July 1859	10	1	M	1.50 " "					
Jan. 1860	10	1	M	1.50 " "	Average	10	3	M	1.72 " "
July 1860	10	1	M	1.50 " "					
Jan. 1861	10	1	M	1.50 " "					
					July 1864	10	1	M	1.50 " "
July 1861	10	1	M	1.25 " "		10	1	M	1.91½ " "
	10	1	M	1.50 " "		10	1	M	2.00 " "
Average	10	2	M	1.37½ " "	Average	10	3	M	1.80½ " "

a And board.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

SALESMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865	10	2	M	$2.00 per day.
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
July 1865	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
Jan. 1866	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
July 1866	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
Jan. 1867	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
July 1867	10	2	M	2.25 " "
Jan. 1868	10	2	M	2.25 " "
July 1868	10	1	M	2.25 " "
Jan. 1869	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	2	M	2.25 " "
July 1869	10	2	M	2.00 " "
	10	1	M	2.50 " "
Average	10	3	M	2.16½ " "
Jan. 1870	10	2	M	2.00 " "
	10	1	M	3.00 " "
Average	10	3	M	2.33½ " "
July 1870	10	2	M	2.00 " "
	10	1	M	3.00 " "
Average	10	3	M	2.33½ " "
Jan. 1871	10	2	M	2.00 " "
	10	1	M	3.00 " "
Average	10	3	M	2.33½ " "
July 1871	10	1	M	2.00 " "
	10	1	M	3.00 " "
Average	10	2	M	2.50 " "
Jan. 1872	10	1	M	2.00 " "
	10	1	M	3.00 " "
Average	10	2	M	2.50 " "
July 1872	10	1	M	2.00 " "
	10	1	M	3.21 " "
Average	10	2	M	2.60½ " "
Jan. 1873	10	1	M	2.25 " "
	10	1	M	3.21 " "
Average	10	2	M	2.73 " "
July 1873	10	1	M	2.25 " "
	10	1	M	3.21 " "
Average	**10**	**2**	**M**	**2.73** " "
Jan. 1874	10	1	M	$2.25 per day.
	10	1	M	3.21 " "
Average	10	2	M	2.73 " "
July 1874	10	3	M	2.25 " "
	10	1	M	3.21 " "
Average	10	4	M	2.49 " "
Jan. 1875	10	2	M	2.25 " "
	10	1	M	3.21 " "
Average	10	3	M	2.57 " "
July 1875	10	2	M	2.25 " "
	10	1	M	3.21 " "
Average	10	3	M	2.57 " "
Jan. 1876	10	2	M	2.25 " "
	10	1	M	3.21 " "
Average	10	3	M	2.57 " "
July 1876	10	2	M	2.25 " "
	10	1	M	3.21 " "
Average	10	3	M	2.57 " "
Jan. 1877	10	1	M	2.25 " "
	10	1	M	3.21 " "
Average	10	2	M	2.73 " "
July 1877	10	1	M	2.25 " "
	10	1	M	3.21 " "
Average	10	2	M	2.73 " "
Jan. 1878	10	1	M	2.25 " "
	10	1	M	3.21 " "
Average	10	2	M	2.73 " "
July 1878	10	1	M	2.25 " "
	10	1	M	3.21 " "
Average	10	2	M	2.73 " "
Jan. 1879	10	1	M	2.25 " "
	10	1	M	3.21 " "
Average	10	2	M	2.73 " "
July 1879	10	1	M	2.25 " "
	10	1	M	3.21 " "
Average	10	2	M	2.73 " "
Jan. 1880	10	1	M	2.25 " "
	10	1	M	3.21 " "
Average	10	2	M	2.73 " "
July 1880	10	1	M	2.25 " "
	10	1	M	3.21 " "
Average	10	2	M	2.73 " "
Jan. 1881	10	1	M	2.50 " "
	10	1	M	3.21 " "
Average	10	2	M	2.85½ " "
July 1881	10	1	M	2.50 " "
	10	1	M	3.21 " "
Average	**10**	**2**	**M**	**2.85½** " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

SALESMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	10	1	M	$2.50 per day.	Jan. 1887	10	1	M	$2.10 per day.
	10	1	M	3.21 " "		10	1	M	2.66⅔ " "
Average	10	2	M	2.85½ " "	Average	10	2	M	2.38⅓ " "
July 1882	10	1	M	2.50 " "	July 1887	10	1	M	2.10 " "
	10	1	M	3.21 " "		10	1	M	2.66⅔ " "
Average	10	2	M	2.85½ " "	Average	10	2	M	2.38⅓ " "
Jan. 1883	10	1	M	2.60 " "	Jan. 1888	10	1	M	2.10 " "
	10	1	M	3.21 " "		10	1	M	2.66⅔ " "
Average	10	2	M	2.90½ " "	Average	10	2	M	2.38⅓ " "
July 1883	10	1	M	2.60 " "	July 1888	10	1	M	2.60 " "
	10	1	M	3.21 " "		10	1	M	3.00 " "
Average	10	2	M	2.90½ " "	Average	10	2	M	2.80 " "
Jan. 1884	10	1	M	2.00 " "	Jan. 1889	10	1	M	2.60 " "
	10	1	M	2.66⅔ " "		10	1	M	3.00 " "
Average	10	2	M	2.33⅓ " "	Average	10	2	M	2.80 " "
July 1884	10	1	M	2.00 " "	July 1889	10	1	M	2.60 " "
	10	1	M	2.66⅔ " "		10	1	M	3.00 " "
Average	10	2	M	2.33⅓ " "	Average	10	2	M	2.80 " "
Jan. 1885	10	1	M	2.00 " "	Jan. 1890	10	1	M	2.60 " "
	10	1	M	2.66⅔ " "		10	1	M	3.00 " "
Average	10	2	M	2.33⅓ " "	Average	10	2	M	2.80 " "
July 1885	10	1	M	2.00 " "	July 1890	10	1	M	2.60 " "
	10	1	M	2.66⅔ " "		10	1	M	3.00 " "
Average	10	2	M	2.33⅓ " "	Average	10	2	M	2.80 " "
Jan. 1886	10	1	M	2.00 " "	Jan. 1891	10	1	M	2.66 " "
	10	1	M	2.66⅔ " "		10	1	M	3.00 " "
Average	10	2	M	2.33⅓ " "	Average	10	2	M	2.83 " "
July 1886	10	1	M	2.10 " "	July 1891	10	1	M	2.66 " "
	10	1	M	2.66⅔ " "		10	1	M	3.00 " "
Average	10	2	M	2.38⅓ " "	Average	10	2	M	2.83 " "

TEAMSTERS.

Jan. 1850	11	1	M	.87½ per day.	Jan. 1857	10	1	M	.75 per day.
July 1850	11	1	M	.87½ " "		10	1	M	.87½ " "
Jan. 1851	11	1	M	.87½ " "	Average	10	2	M	.81¼ " "
July 1851	11	1	M	.87½ " "					
Jan. 1852	11	1	M	.87½ " "	July 1857	10	1	M	.75 " "
July 1852	11	1	M	.87½ " "		10	1	M	.87½ " "
Jan. 1853	10	1	M	.87½ " "	Average	10	2	M	.81¼ " "
July 1853	10	1	M	1.00 " "					
Jan. 1854	10	1	M	1.00 " "	Jan. 1858	10	1	M	.87½ " "
July 1854	10	1	M	1.00 " "		10	1	M	1.00 " "
Jan. 1855	10	1	M	1.00 " "	Average	10	2	M	.93⅓ " "
July 1855	10	1	M	1.00 " "					
Jan. 1856	10	1	M	.75 " "	July 1858	10	1	M	.87½ " "
	10	1	M	1.00 " "		10	1	M	1.00 " "
Average	10	2	M	.87½ " "	Average	10	2	M	.93⅓ " "
July 1856	10	1	M	.75 " "					
	10	1	M	1.00 " "					
Average	10	2	M	.87½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

TEAMSTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1859	10	1	M	$0.87½ per day.
	10	1	M	1.00 " "
Average	10	2	M	.93¾ " "
July 1859	10	1	M	.87½ " "
	10	1	M	1.00 " "
Average	10	2	M	.93¾ " "
Jan. 1860	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	2	M	1.12½ " "
July 1860	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	2	M	1.12½ " "
Jan. 1861	10	1	M	1.25 " "
	10	1	M	1.33⅓ " "
Average	10	2	M	1.29½ " "
July 1861	10	1	M	.75 " "
	10	1	M	1.25 " "
	10	1	M	1.33⅓ " "
Average	10	3	M	1.11 " "
Jan. 1862	10	1	M	.75 " "
	10	1	M	1.37 " "
Average	10	2	M	1.06 " "
July 1862	10	1	M	.75 " "
	10	1	M	1.37 " "
Average	10	2	M	1.06 " "
Jan. 1863	10	1	M	.75 " "
	10	1	M	1.46 " "
Average	10	2	M	1.10½ " "
July 1863	10	1	M	.75 " "
	10	1	M	1.46 " "
Average	10	2	M	1.10½ " "
Jan. 1864	10	1	M	1.00 " "
	10	1	M	1.46 " "
	10	1	M	1.50 " "
Average	10	3	M	1.32 " "
July 1864	10	1	M	1.00 " "
	10	1	M	1.50 " "
Average	10	2	M	1.25 " "
Jan. 1865	10	1	M	1.00 " "
	10	1	M	1.50 " "
Average	10	2	M	1.25 " "
July 1865	10	1	M	1.00 " "
	10	1	M	1.50 " "
Average	10	2	M	1.25 " "
Jan. 1866	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1866	10	1	M	$1.25 per day.
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
Jan. 1867	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1867	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
Jan. 1868	10	2	M	1.50 " "
July 1868	10	2	M	1.50 " "
Jan. 1869	10	2	M	1.50 " "
July 1869	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	3	M	1.58½ " "
Jan. 1870	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	3	M	1.58½ " "
July 1870	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	3	M	1.58½ " "
Jan. 1871	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	3	M	1.58½ " "
July 1871	10	1	M	1.50 " "
	10	2	M	1.75 " "
Average	10	3	M	1.66⅔ " "
Jan. 1872	10	3	M	1.75 " "
July 1872	10	3	M	1.75 " "
Jan. 1873	10	3	M	1.75 " "
July 1873	10	3	M	1.75 " "
Jan. 1874	10	3	M	1.75 " "
July 1874	10	3	M	1.75 " "
Jan. 1875	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
July 1875	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
Jan. 1876	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
July 1876	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
Jan. 1877	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

TEAMSTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1877	10	1	M	$1.50 per day.
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
Jan. 1878	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	3	M	1.58½ " "
July 1878	10	2	M	1.50 " "
Jan. 1879	10	1	M	1.50 " "
July 1879	10	2	M	1.50 " "
Jan. 1880	10	2	M	1.50 " "
July 1880	10	3	M	1.50 " "
Jan. 1881	10	3	M	1.50 " "
July 1881	10	3	M	1.50 " "
Jan. 1882	10	3	M	1.50 " "
July 1882	10	3	M	1.50 " "
Jan. 1883	10	3	M	1.50 " "
July 1883	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	3	M	1.55½ " "
Jan. 1884	10	3	M	1.66½ " "
July 1884	10	3	M	1.66½ " "
Jan. 1885	10	3	M	1.66½ " "
July 1885	10	3	M	1.66½ " "
Jan. 1886	10	1	M	1.50 " "
	10	3	M	1.66½ " "
Average	10	4	M	1.62½ " "
July 1886	10	1	M	$1.50 per day.
	10	3	M	1.66½ " "
Average	10	4	M	1.62½ " "
Jan. 1887	10	1	M	1.50 " "
	10	3	M	1.66⅔ " "
Average	10	4	M	1.62½ " "
July 1887	10	1	M	1.50 " "
	10	3	M	1.66⅔ " "
Average	10	4	M	1.62½ " "
Jan. 1888	10	1	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	3	M	1.61 " "
July 1888	10	1	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	3	M	1.61 " "
Jan. 1889	10	1	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	3	M	1.61 " "
July 1889	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	2	M	1.58½ " "
Jan. 1890	10	1	M	1.66⅔ " "
July 1890	10	1	M	1.66½ " "
Jan. 1891	10	1	M	1.66⅔ " "
July 1891	10	1	M	1.66½ " "

YARD HANDS.

Jan. 1840	12	1	M	.25 per day.
	12	1	M	.33⅓ " "
	12	1	M	.50 " "
	12	1	M	.75 " "
	12	1	M	1.25 " "
Average	12	5	M	.61½ " "
July 1840	12	2	M	.33⅓ " "
	12	1	M	.50 " "
	12	1	M	.75 " "
	12	1	M	1.25 " "
Average	12	5	M	.63⅓ " "
Jan. 1841	12	3	M	.33⅓ " "
	12	1	M	.50 " "
	12	1	M	.75 " "
	12	1	M	1.25 " "
Average	12	6	M	.58⅓ " "
July 1841	12	3	M	.33⅓ " "
	12	1	M	.50 " "
	12	1	M	.81⅓ " "
	12	1	M	1.25 " "
Average	12	6	M	.60 " "
Jan. 1842	12	1	M	.33⅓ " "
	12	1	M	.41½ " "
Jan. 1842–conc'd.	12	2	M	.50 per day.
	12	1	M	.83⅓ " "
	12	1	M	1.25 " "
Average	12	6	M	.64 " "
July 1842	12	1	M	.41½ " "
	12	3	M	.50 " "
	12	1	M	.83⅓ " "
	12	1	M	1.25 " "
Average	12	6	M	.66½ " "
Jan. 1843	12	1	M	.41⅓ " "
	12	1	M	.50 " "
	12	1	M	.62½ " "
	12	1	M	.75 " "
	12	1	M	.87½ " "
	12	1	M	1.25 " "
Average	12	6	M	.73½ " "
July 1843	12	1	M	.62½ " "
	12	3	M	.75 " "
	12	1	M	.87½ " "
	12	1	M	1.25 " "
Average	12	6	M	.83⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

YARD HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1844	12	5	M	$0.75 per day.
	12	1	M	1.00 " "
Average	12	6	M	.79 " "
July 1844	12	3	M	.75 " "
	12	2	M	.87½ " "
	12	1	M	1.00 " "
Average	12	6	M	.83½ " "
Jan. 1845	12	2	M	.87½ " "
	12	2	M	1.00 " "
Average	12	4	M	.93½ " "
July 1845	12	2	M	.87½ " "
	12	2	M	1.00 " "
Average	12	4	M	.93½ " "
Jan. 1846	12	2	M	.81 " "
	12	1	M	.87½ " "
	12	3	M	1.00 " "
	12	1	M	1.25 " "
Average	12	7	M	.96½ " "
July 1846	12	1	M	.81 " "
	12	2	M	.87½ " "
	12	3	M	1.00 " "
	12	1	M	1.25 " "
Average	12	7	M	.97½ " "
Jan. 1847	12	1	M	.81 " "
	12	2	M	.87½ " "
	12	3	M	1.00 " "
	12	1	M	1.25 " "
Average	12	7	M	.97½ " "
July 1847	12	1	M	.81 " "
	12	2	M	.87½ " "
	12	3	M	1.00 " "
	12	1	M	1.25 " "
Average	12	7	M	.97½ " "
Jan. 1848	11	1	M	.87½ " "
	11	4	M	1.00 " "
	11	2	M	1.25 " "
Average	11	7	M	1.05½ " "
July 1848	11	2	M	.75 " "
	11	1	M	.87½ " "
	11	3	M	1.00 " "
	11	2	M	1.25 " "
Average	11	8	M	.98½ " "
Jan. 1849	11	2	M	.75 " "
	11	1	M	.87½ " "
	11	3	M	1.00 " "
	11	2	M	1.25 " "
Average	11	8	M	.98½ " "
July 1849	11	1	M	.75 " "
	11	2	M	.87½ " "
	11	3	M	1.00 " "
	11	1	M	1.25 " "
	11	1	M	1.50 " "
Average	11	8	M	1.03 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1850	11	1	M	$0.75 per day.
	11	3	M	.87½ " "
	11	3	M	1.00 " "
	11	1	M	1.25 " "
	11	1	M	1.50 " "
Average	11	9	M	1.01½ " "
July 1850	11	1	M	.75 " "
	11	2	M	.87½ " "
	11	1	M	.95 " "
	11	3	M	1.00 " "
	11	1	M	1.50 " "
Average	11	8	M	.99½ " "
Jan. 1851	11	1	M	.75 " "
	11	2	M	.87½ " "
	11	3	M	1.00 " "
	11	1	M	1.50 " "
Average	11	7	M	1.00 " "
July 1851	11	3	M	.87½ " "
	11	3	M	1.00 " "
	11	1	M	1.50 " "
Average	11	7	M	1.02 " "
Jan. 1852	11	1	M	.75 " "
	11	3	M	.87½ " "
	11	2	M	1.00 " "
	11	1	M	1.50 " "
Average	11	7	M	.98 " "
July 1852	11	3	M	.87½ " "
	11	3	M	1.00 " "
	11	1	M	1.50 " "
Average	11	7	M	1.02 " "
Jan. 1853	10	1	M	.87½ " "
	10	3	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	7	M	1.12½ " "
July 1853	10	1	M	.87½ " "
	10	3	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	7	M	1.12½ " "
Jan. 1854	10	1	M	.87½ " "
	10	3	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	7	M	1.12½ " "
July 1854	10	1	M	.87½ " "
	10	3	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	7	M	1.12½ " "
Jan. 1855	10	1	M	.92 " "
	10	3	M	1.00 " "
	10	2	M	1.50 " "
Average	10	6	M	1.15½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

YARD HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1855	10	1	M	$0.92 per day.
	10	3	M	1.00 " "
	10	2	M	1.50 " "
Average	10	6	M	1.15⅓ " "
Jan. 1856	10	1	M	.92 " "
	10	3	M	1.00 " "
	10	2	M	1.50 " "
Average	10	6	M	1.15½ " "
July 1856	10	1	M	.75 " "
	10	1	M	.87½ " "
	10	1	M	.95 " "
	10	1	M	1.00 " "
	10	2	M	1.50 " "
Average	10	6	M	1.09½ " "
Jan. 1857	10	1	M	.75 " "
	10	2	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	6	M	1.04 " "
July 1857	10	2	M	.75 " "
	10	1	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	6	M	1.02 " "
Jan. 1858	10	4	M	.75 " "
	10	1	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	8	M	.95½ " "
July 1858	10	1	M	.75 " "
	10	2	M	.87½ " "
	10	3	M	1.00 " "
	10	2	M	1.50 " "
Average	10	8	M	1.06½ " "
Jan. 1859	10	1	M	.75 " "
	10	3	M	.87½ " "
	10	4	M	1.00 " "
	10	2	M	1.50 " "
Average	10	10	M	1.03½ " "
July 1859	10	1	M	.75 " "
	10	3	M	.87½ " "
	10	4	M	1.00 " "
	10	2	M	1.50 " "
Average	10	10	M	1.03½ " "
Jan. 1860	10	1	M	.75 " "
	10	3	M	.87½ " "
	10	3	M	1.00 " "
	10	2	M	1.50 " "
Average	10	9	M	1.04 " "
July 1860	10	2	M	.75 " "
	10	3	M	.87½ " "
	10	2	M	1.00 " "
July 1860–cont'd.	10	1	M	$1.25 per day.
	10	3	M	1.50 " "
Average	10	11	M	1.08 " "
Jan. 1861	10	4	M	.75 " "
	10	1	M	.87½ " "
	10	3	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	14	M	1.08 " "
July 1861	10	3	M	.75 " "
	10	1	M	.87½ " "
	10	4	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	14	M	1.10 " "
Jan. 1862	10	3	M	.75 " "
	10	1	M	.87½ " "
	10	3	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
	10	2	M	1.50 " "
Average	10	12	M	1.05 " "
July 1862	10	1	M	.75 " "
	10	1	M	.87½ " "
	10	5	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.28 " "
	10	2	M	1.50 " "
Average	10	11	M	1.10⅓ " "
Jan. 1863	10	1	M	.87½ " "
	10	6	M	1.00 " "
	10	1	M	1.12½ " "
	10	1	M	1.25 " "
	10	1	M	1.28 " "
	10	1	M	1.50 " "
Average	10	11	M	1.09½ " "
July 1863	10	1	M	.87½ " "
	10	2	M	1.00 " "
	10	5	M	1.25 " "
	10	1	M	1.28 " "
	10	1	M	2.00 " "
Average	10	10	M	1.24 " "
Jan. 1864	10	3	M	1.00 " "
	10	5	M	1.25 " "
	10	1	M	1.28 " "
	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	11	M	1.27½ " "
July 1864	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	3	M	1.25 " "
	10	1	M	1.28 " "
	10	1	M	1.37 " "
	10	3	M	1.50 " "
	10	1	M	2.00 " "
Average	10	11	M	1.36⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

YARD HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865	10	1	M	$0.62 per day.
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
	10	1	M	1.37 " "
	10	9	M	1.50 " "
	10	1	M	2.00 " "
Average	10	15	M	1.40 " "
July 1865	10	1	M	.62 " "
	10	1	M	1.12½ " "
	10	2	M	1.25 " "
	10	1	M	1.37 " "
	10	8	M	1.50 " "
	10	1	M	2.00 " "
Average	10	14	M	1.40 " "
Jan. 1866	10	1	M	.70 " "
	10	7	M	1.25 " "
	10	4	M	1.50 " "
	10	1	M	2.00 " "
Average	10	13	M	1.34 " "
July 1866	10	1	M	.50 " "
	10	1	M	.70 " "
	10	2	M	1.25 " "
	10	7	M	1.50 " "
	10	1	M	2.00 " "
Average	10	12	M	1.35 " "
Jan. 1867	10	1	M	.50 " "
	10	1	M	.70 " "
	10	7	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	12	M	1.43½ " "
July 1867	10	1	M	.66½ " "
	10	1	M	1.00 " "
	10	7	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	13	M	1.53 " "
Jan. 1868	10	1	M	.66½ " "
	10	1	M	1.00 " "
	10	8	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	14	M	1.53 " "
July 1868	10	1	M	.66½ " "
	10	1	M	1.25 " "
	10	9	M	1.50 " "
	10	1	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	15	M	1.56 " "
Jan. 1869	10	1	M	.87½ " "
	10	11	M	1.50 " "
	10	2	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	17	M	1.59½ " "
July 1869	10	1	M	1.00 " "
	10	8	M	1.50 " "
July 1869—cone'd.	10	5	M	$1.75 per day.
	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	17	M	1.64½ " "
Jan. 1870	10	1	M	1.00 " "
	10	8	M	1.50 " "
	10	5	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	17	M	1.64½ " "
July 1870	10	1	M	1.00 " "
	10	6	M	1.50 " "
	10	6	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	16	M	1.67 " "
Jan. 1871	10	1	M	1.25 " "
	10	6	M	1.50 " "
	10	1	M	1.62 " "
	10	5	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	15	M	1.66 " "
July 1871	10	1	M	1.25 " "
	10	6	M	1.50 " "
	10	1	M	1.62 " "
	10	5	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	15	M	1.66 " "
Jan. 1872	10	1	M	1.25 " "
	10	6	M	1.50 " "
	10	5	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	14	M	1.66 " "
July 1872	10	5	M	1.50 " "
	10	7	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	14	M	1.71½ " "
Jan. 1873	10	6	M	1.50 " "
	10	6	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	14	M	1.69½ " "
July 1873	10	6	M	1.50 " "
	10	5	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	13	M	1.69 " "
Jan. 1874	10	6	M	1.50 " "
	10	4	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	12	M	1.68¾ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

YARD HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1874	10	4	M	$1.50 per day.
	10	4	M	1.75 " "
	10	1	M	2.25 " "
Average	10	9	M	1.69½ " "
Jan. 1875	10	4	M	1.50 " "
	10	4	M	1.75 " "
	10	1	M	2.25 " "
Average	10	9	M	1.69½ " "
July 1875	10	3	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	2.25 " "
Average	10	6	M	1.71 " "
Jan. 1876	10	3	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	2.25 " "
Average	10	6	M	1.71 " "
July 1876	10	3	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	2.25 " "
Average	10	6	M	1.71 " "
Jan. 1877	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.83½ " "
	10	1	M	2.25 " "
Average	10	4	M	1.83½ " "
July 1877	10	2	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.83½ " "
	10	1	M	2.25 " "
Average	10	5	M	1.76½ " "
Jan. 1878	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.83½ " "
	10	1	M	2.25 " "
Average	10	4	M	1.83½ " "
July 1878	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.83½ " "
	10	1	M	2.25 " "
Average	10	4	M	1.83½ " "
Jan. 1879	10	2	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.83½ " "
	10	1	M	2.25 " "
Average	10	5	M	1.76½ " "
July 1879	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.83½ " "
	10	1	M	2.25 " "
Average	10	6	M	1.68 " "
Jan. 1880	10	1	M	1.25 " "
	10	2	M	1.50 " "
Jan. 1880—conc'd.	10	1	M	$2.08½ per day.
	10	1	M	2.25 " "
Average	10	5	M	1.71½ " "
July 1880	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	2.08½ " "
	10	1	M	2.25 " "
Average	10	4	M	1.77 " "
Jan. 1881	10	2	M	1.50 " "
	10	1	M	2.08½ " "
	10	1	M	2.25 " "
Average	10	4	M	1.83½ " "
July 1881	10	2	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	2.08½ " "
	10	1	M	2.25 " "
Average	10	5	M	1.81½ " "
Jan. 1882	10	4	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	2.08½ " "
	10	1	M	2.25 " "
Average	10	7	M	1.72½ " "
July 1882	10	5	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.08½ " "
	10	1	M	2.25 " "
Average	10	8	M	1.68½ " "
Jan. 1883	10	5	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.08½ " "
	10	1	M	2.25 " "
Average	10	8	M	1.68½ " "
July 1883	10	5	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.08½ " "
	10	1	M	2.25 " "
Average	10	8	M	1.68½ " "
Jan. 1884	10	5	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.08½ " "
	10	1	M	2.25 " "
Average	10	8	M	1.68½ " "
July 1884	10	5	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.08½ " "
	10	1	M	2.25 " "
Average	10	8	M	1.68½ " "
Jan. 1885	10	5	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	2.08½ " "
	10	1	M	2.25 " "
Average	10	8	M	1.68½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Concluded.

YARD HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1885	10	5	M	$1.50 per day.	July 1888–conc'd.	10	2	M	$1.66½ per day.
	10	1	M	1.66½ " "		10	1	M	2.25 " "
	10	1	M	2.08⅓ " "					
	10	1	M	2.25 " "	Average	10	5	M	1.71½ " "
Average	10	8	M	1.68½ " "	Jan. 1889	10	3	M	1.50 " "
						10	1	M	1.66½ " "
Jan. 1886	10	5	M	1.50 " "		10	1	M	2.25 " "
	10	1	M	1.66½ " "	Average	10	5	M	1.68½ " "
	10	1	M	2.08½ " "					
	10	1	M	2.25 " "	July 1889	10	3	M	1.50 " "
Average	10	8	M	1.68½ " "		10	1	M	1.66½ " "
						10	1	M	2.25 " "
July 1886	10	4	M	1.50 " "	Average	10	5	M	1.68½ " "
	10	1	M	1.66½ " "					
	10	2	M	2.25 " "	Jan. 1890	10	2	M	1.50 " "
Average	10	7	M	1.74 " "		10	2	M	1.66½ " "
						10	1	M	2.25 " "
Jan. 1887	10	4	M	1.50 " "	Average	10	5	M	1.71½ " "
	10	1	M	1.66½ " "					
	10	2	M	2.25 " "	July 1890	10	2	M	1.50 " "
Average	10	7	M	1.74 " "		10	2	M	1.66½ " "
						10	1	M	2.25 " "
July 1887	10	2	M	1.50 " "	Average	10	5	M	1.71½ " "
	10	2	M	1.66½ " "					
	10	1	M	2.25 " "	Jan. 1891	10	2	M	1.50 " "
Average	10	5	M	1.71½ " "		10	2	M	1.66½ " "
						10	1	M	2.25 " "
Jan. 1888	10	2	M	1.50 " "	Average	10	5	M	1.71½ " "
	10	2	M	1.66½ " "					
	10	1	M	2.25 " "	July 1891	10	2	M	1.50 " "
Average	10	5	M	1.71½ " "		10	2	M	1.66½ " "
						10	1	M	2.50 " "
July 1888	10	2	M	1.50 " "	Average	10	5	M	1.76½ " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT.

BLACKSMITHS.

July 1853	10	1	M	2.25 per day.	July 1863	10	1	M	1.75 per day.
Jan. 1854	10	1	M	2.50 " "		10	1	M	2.50 " "
July 1854	10	1	M	2.00 " "					
Jan. 1855	10	1	M	2.00 " "	Average	10	2	M	2.12½ " "
July 1855	10	1	M	2.00 " "					
Jan. 1856	10	1	M	2.00 " "	Jan. 1864	10	1	M	2.25 " "
July 1856	10	1	M	2.00 " "		10	1	M	2.75 " "
Jan. 1857	10	1	M	2.00 " "	Average	10	2	M	2.50 " "
July 1857	10	1	M	2.25 " "					
Jan. 1858	10	1	M	2.25 " "	July 1864	10	1	M	2.50 " "
July 1858	10	1	M	2.00 " "		10	1	M	3.50 " "
Jan. 1859	10	1	M	2.00 " "	Average	10	2	M	3.00 " "
July 1859	10	1	M	2.25 " "					
Jan. 1860	10	1	M	2.25 " "	Jan. 1865	10	1	M	3.50 " "
July 1860	10	1	M	2.25 " "					
Jan. 1861	10	1	M	2.25 " "	July 1865	10	1	M	2.37½ " "
July 1861	10	1	M	2.25 " "		10	1	M	3.50 " "
Jan. 1862	10	1	M	2.00 " "	Average	10	2	M	2.93½ " "
	10	1	M	2.25 " "					
Average	10	2	M	2.12½ " "	Jan. 1866	10	1	M	3.50 " "
July 1862	10	1	M	2.25 " "					
Jan. 1863	10	1	M	2.25 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BLACKSMITHS—Continued.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate of wages.
July 1866	10	1	M	$3.00 per day.
	10	2	M	3.50 " "
Average	10	3	M	3.33½ " "
Jan. 1867	10	1	M	3.50 " "
July 1867	10	1	M	3.50 " "
Jan. 1868	10	1	M	3.50 " "
July 1868	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	2	M	3.12½ " "
Jan. 1869	10	1	M	3.50 " "
July 1869	10	1	M	2.00 " "
	10	1	M	3.50 " "
Average	10	2	M	2.75 " "
Jan. 1870	10	1	M	2.00 " "
	10	1	M	3.75 " "
Average	10	2	M	2.87½ " "
July 1870	10	1	M	2.00 " "
	10	1	M	3.75 " "
Average	10	2	M	2.87½ " "
Jan. 1871	10	1	M	2.00 " "
	10	1	M	2.75 " "
	10	1	M	3.75 " "
Average	10	3	M	2.83½ " "
July 1871	10	1	M	2.00 " "
	10	1	M	3.75 " "
Average	10	2	M	2.87½ " "
Jan. 1872	10	1	M	2.00 " "
	10	1	M	3.75 " "
Average	10	2	M	2.87½ " "
July 1872	10	1	M	3.75 " "
Jan. 1873	10	1	M	3.75 " "
Jan. 1874	10	1	M	2.75 " "
	10	1	M	3.25 " "
Average	10	2	M	3.00 " "
July 1875	10	1	M	2.00 " "
	10	1	M	3.00 " "
	10	1	M	3.10 " "
Average	10	3	M	2.70 " "
Jan. 1876	10	1	M	2.00 " "
	10	1	M	2.75 " "
Average	10	2	M	2.37½ " "
July 1876	10	1	M	2.00 " "
	10	1	M	2.75 " "
Average	10	2	M	2.37½ " "
Jan. 1877	10	1	M	2.75 " "
July 1877	10	1	M	$2.75 per day.
	10	1	M	3.25 " "
Average	10	2	M	3.00 " "
Jan. 1878	10	1	M	2.75 " "
	10	1	M	3.25 " "
Average	10	2	M	3.00 " "
July 1878	10	1	M	2.75 " "
	10	1	M	3.25 " "
Average	10	2	M	3.00 " "
Jan. 1879	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	2	M	2.62½ " "
July 1879	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	2	M	2.62½ " "
Jan. 1880	10	1	M	2.75 " "
July 1880	10	1	M	2.75 " "
Jan. 1881	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	2	M	2.62½ " "
Jan. 1882	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	3	M	2.75 " "
July 1882	10	1	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	3	M	2.50 " "
Jan. 1883	10	1	M	2.00 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	3	M	2.83½ " "
July 1883	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	2	M	3.25 " "
Jan. 1884	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	2	M	3.25 " "
July 1884	10	1	M	3.50 " "
Jan. 1885	10	1	M	3.50 " "
July 1885	10	1	M	3.50 " "
Jan. 1886	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	2	M	3.12½ " "
July 1886	10	1	M	3.50 " "
Jan. 1887	10	1	M	3.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BLACKSMITHS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887	10	1	M	$2.00 per day.
	10	1	M	3.50 " "
Average	10	2	M	2.75 " "
Jan. 1888	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.50 " "
Average	10	3	M	2.75 " "
July 1888	10	1	M	2.50 " "
	10	1	M	3.50 " "
Average	10	2	M	3.00 " "
Jan. 1889	10	1	M	3.50 " "
July 1889	10	1	M	$3.00 per day.
Jan. 1890	10	1	M	3.50 " "
July 1890	10	1	M	2.25 " "
	10	1	M	3.50 " "
Average	10	2	M	2.87½ " "
Jan. 1891	10	1	M	2.50 " "
	10	1	M	3.50 " "
Average	10	2	M	3.00 " "
July 1891	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "

BLACKSMITHS' HELPERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1853	10	1	M	1.37½ per day.
Jan. 1854	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.25 " "
July 1854	10	1	M	1.50 " "
Jan. 1855	10	1	M	1.50 " "
July 1855	10	1	M	1.50 " "
Jan. 1856	10	1	M	1.50 " "
July 1856	10	1	M	1.50 " "
Jan. 1857	10	1	M	1.50 " "
July 1857	10	1	M	1.25 " "
Jan. 1858	10	1	M	1.25 " "
July 1858	10	1	M	1.25 " "
Jan. 1859	10	1	M	1.25 " "
July 1859	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
Jan. 1860	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	3	M	1.37½ " "
July 1860	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	3	M	1.37½ " "
Jan. 1861	10	1	M	1.37½ " "
July 1861	10	4	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.83½ " "
Average	10	7	M	1.38½ " "
Jan. 1862	10	4	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	6	M	1.31½ " "
July 1862	10	1	M	1.37½ per day.
Jan. 1863	10	1	M	1.37½ " "
July 1863	10	1	M	1.25 " "
	10	2	M	1.50 " "
Average	10	3	M	1.41½ " "
Jan. 1864	10	2	M	1.25 " "
	10	2	M	1.50 " "
Average	10	4	M	1.37½ " "
July 1864	10	2	M	1.66½ " "
Jan. 1865	10	1	M	1.83½ " "
July 1865	10	1	M	1.66½ " "
Jan. 1866	10	1	M	1.66½ " "
Jan. 1867	10	1	M	1.87½ " "
July 1867	10	1	M	1.75 " "
Jan. 1868	10	1	M	1.75 " "
July 1868	10	2	M	1.75 " "
Jan. 1869	10	1	M	1.83½ " "
Jan. 1871	10	1	M	1.75 " "
July 1872	10	1	M	1.83½ " "
Jan. 1873	10	1	M	1.83½ " "
July 1873	10	1	M	1.83½ " "
Jan. 1874	10	1	M	1.83½ " "
July 1874	10	1	M	1.83½ " "
Jan. 1877	10	1	M	1.50 " "
July 1877	10	2	M	1.50 " "
Jan. 1878	10	2	M	1.50 " "
July 1878	10	1	M	1.50 " "
Jan. 1879	10	1	M	1.50 " "
July 1879	10	1	M	1.50 " "
Jan. 1880	10	1	M	1.50 " "
Jan. 1881	10	1	M	1.00 " "
	10	1	M	1.75 " "
Average	10	2	M	1.37½ " "
Jan. 1882	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
July 1882	10	2	M	1.50 " "
Jan. 1883	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BLACKSMITHS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	1	M	$1.50 per day.	Jan. 1888	10	1	M	$1.50 per day.
	10	1	M	1.75 " "		10	1	M	1.75 " "
Average	10	2	M	1.62½ " "	Average	10	2	M	1.62½ " "
Jan. 1884	10	1	M	1.50 " "					
	10	1	M	1.75 " "	July 1888	10	2	M	1.75 " "
					Jan. 1889	10	2	M	1.75 " "
Average	10	2	M	1.62½ " "	July 1889	10	2	M	1.75 " "
July 1884	10	1	M	1.75 " "	Jan. 1890	10	1	M	1.50 " "
Jan. 1885	10	1	M	1.75 " "		10	2	M	1.75 " "
July 1885	10	1	M	1.75 " "					
					Average	10	3	M	1.66½ " "
Jan. 1886	10	2	M	1.50 " "					
	10	1	M	1.75 " "	July 1890	10	1	M	1.50 " "
						10	1	M	1.75 " "
Average	10	3	M	1.58½ " "					
					Average	10	2	M	1.62½ " "
July 1886	10	1	M	1.50 " "					
	10	1	M	1.75 " "	Jan. 1891	10	2	M	1.50 " "
						10	1	M	1.75 " "
Average	10	2	M	1.62½ " "					
					Average	10	3	M	1.58½ " "
Jan. 1887	10	1	M	1.75 " "					
					July 1891	10	2	M	1.50 " "
July 1887	10	1	M	1.50 " "		10	1	M	1.75 " "
	10	1	M	1.87½ " "					
					Average	10	3	M	1.58½ " "
Average	10	2	M	1.68½ " "					

BOILERMAKERS.

Jan. 1853	10	3	M	1.87½ per day.	Jan. 1859	10	1	M	1.71 per day.
July 1853	10	3	M	1.75 " "		10	1	M	1.87½ " "
Jan. 1854	10	3	M	1.62½ " "					
July 1854	10	1	M	2.00 " "	Average	10	2	M	1.79½ " "
Jan. 1855	10	2	M	2.00 " "					
July 1855	10	2	M	2.00 " "	July 1859	10	1	M	1.62½ " "
						10	1	M	1.71 " "
Jan. 1856	10	1	M	1.62½ " "		10	1	M	1.75 " "
	10	1	M	1.75 " "		10	1	M	2.00 " "
	10	2	M	2.00 " "					
					Average	10	4	M	1.77 " "
Average	10	4	M	1.84½ " "					
					Jan. 1860	10	1	M	1.62½ " "
July 1856	10	1	M	1.62½ " "		10	1	M	1.71 " "
	10	1	M	2.00 " "		10	1	M	1.75 " "
						10	1	M	2.00 " "
Average	10	2	M	1.81½ " "					
					Average	10	4	M	1.77 " "
Jan. 1857	10	2	M	1.83½ " "					
	10	2	M	2.00 " "	July 1860	10	2	M	1.62½ " "
						10	2	M	1.75 " "
Average	10	4	M	1.91½ " "		10	1	M	2.00 " "
July 1857	10	1	M	1.62½ " "	Average	10	5	M	1.75 " "
	10	1	M	1.75 " "					
	10	1	M	1.83½ " "	Jan. 1861	10	2	M	1.75 " "
	10	2	M	1.87½ " "		10	1	M	1.87½ " "
	10	1	M	2.00 " "					
					Average	10	3	M	1.79 " "
Average	10	6	M	1.82½ " "					
					July 1861	10	3	M	1.75 " "
Jan. 1858	10	1	M	1.62½ " "		10	1	M	1.87½ " "
	10	1	M	1.75 " "					
	10	2	M	2.00 " "	Average	10	4	M	1.78 " "
					Jan. 1862	10	1	M	1.75 " "
Average	10	4	M	1.84½ " "	July 1862	10	1	M	1.75 " "
July 1858	10	1	M	1.75 " "	Jan. 1863	10	1	M	2.00 " "
	10	1	M	1.87½ " "		10	1	M	2.25 " "
Average	10	2	M	1.81½ " "	Average	10	2	M	2.12½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1863	10	1	M	$2.00 per day.
	10	2	M	2.75 " "
Average	10	3	M	2.50 " "
Jan. 1864	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	3	M	2.25 " "
July 1864	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	5	M	2.55 " "
Jan. 1865	10	1	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	3	M	2.50 " "
July 1865	10	3	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
Average	10	10	M	2.43½ " "
Jan. 1866	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
July 1866	10	2	M	2.00 " "
	10	1	M	2.50 " "
	10	3	M	2.75 " "
	10	3	M	3.00 " "
Average	10	9	M	2.64 " "
Jan. 1867	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	8	M	2.53 " "
July 1867	10	2	M	2.00 " "
	10	2	M	2.75 " "
Average	10	4	M	2.37½ " "
Jan. 1868	10	3	M	2.00 " "
	10	2	M	2.75 " "
Average	10	5	M	2.30 " "
July 1868	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	4	M	2.75 " "
Average	10	7	M	2.46½ " "
Jan. 1869	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.75 " "
Average	10	5	M	2.50 " "
July 1869	10	2	M	$2.00 per day.
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	7	M	2.75 " "
Average	10	12	M	2.51 " "
Jan. 1870	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
	10	2	M	2.75 " "
Average	10	7	M	2.42½ " "
July 1870	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	2.75 " "
Average	10	6	M	2.39½ " "
Jan. 1871	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	1	M	2.50 " "
	10	2	M	2.75 " "
Average	10	6	M	2.46 " "
July 1871	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	1	M	2.50 " "
	10	3	M	2.75 " "
Average	10	7	M	2.50 " "
Jan. 1872	10	2	M	2.37½ " "
	10	2	M	2.50 " "
Average	10	4	M	2.43½ " "
July 1872	10	1	M	2.37½ " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
Average	10	3	M	2.49 " "
Jan. 1873	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.80 " "
Average	10	6	M	2.42½ " "
July 1873	10	2	M	2.50 " "
	10	1	M	2.80 " "
Average	10	3	M	2.60 " "
Jan. 1874	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.80 " "
Average	10	3	M	2.68½ " "
July 1874	10	1	M	2.50 " "
	10	2	M	2.75 " "
Average	10	3	M	2.66½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BOILERMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1875	10	1	M	$2.50 per day.
	10	2	M	2.75 " "
Average	10	3	M	2.66½ " "
July 1875	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	2	M	2.37½ " "
Jan. 1876	10	1	M	2.50 " "
Jan. 1877	10	2	M	2.75 " "
July 1877	10	1	M	2.50 " "
	10	3	M	2.75 " "
Average	10	4	M	2.68½ " "
Jan. 1878	10	10	M	2.50 " "
	10	1	M	3.00 " "
Average	10	11	M	2.54½ " "
July 1878	10	1	M	2.50 " "
Jan. 1879	10	1	M	2.50 " "
July 1879	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	2	M	2.37½ " "
Jan. 1880	10	1	M	3.00 " "
July 1880	10	1	M	2.25 " "
Jan. 1881	10	2	M	2.50 " "
July 1881	10	3	M	2.50 " "
Jan. 1882	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
July 1882	10	1	M	2.50 " "
	10	2	M	2.75 " "
Average	10	3	M	2.66½ " "
Jan. 1883	10	2	M	2.25 " "
	10	2	M	2.75 " "
Average	10	4	M	2.50 " "
July 1883	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	5	M	2.30 " "
Jan. 1884	10	2	M	2.00 " "
	10	1	M	2.75 " "
Average	10	3	M	2.25 " "
July 1884	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	4	M	2.18½ " "
Jan. 1885	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	2	M	2.12½ " "
July 1885	10	3	M	2.00 " "
	10	1	M	2.25 " "
Average	10	4	M	2.06½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886	10	1	M	$2.25 per day.
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	4	M	2.50 " "
July 1886	10	1	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	3	M	2.41½ " "
Jan. 1887	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
Average	10	5	M	2.50 " "
July 1887	10	2	M	2.00 " "
	10	1	M	2.50 " "
Average	10	3	M	2.16½ " "
Jan. 1888	10	1	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	3	M	2.41½ " "
July 1888	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	5	M	2.37½ " "
Jan. 1889	10	2	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.75 " "
Average	10	5	M	2.22½ " "
July 1889	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.75 " "
Average	10	3	M	2.29 " "
Jan. 1890	10	3	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.75 " "
Average	10	5	M	2.17½ " "
July 1890	10	1	M	2.00 " "
	10	1	M	2.37½ " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	4	M	2.40½ " "
Jan. 1891	10	2	M	2.00 " "
	10	1	M	2.37½ " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	5	M	2.32½ " "
July 1891	10	2	M	2.00 " "
	10	1	M	2.37½ " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	5	M	2.42½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BOILERMAKERS' HELPERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1853	10	1	M	$1.00 per day.
	10	4	M	1.12½ " "
Average	10	5	M	1.10 " "
Jan. 1854	10	2	M	1.00 " "
	10	1	M	1.25 " "
Average	10	3	M	1.08½ " "
July 1854	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	2	M	1.12½ " "
Jan. 1855	10	4	M	1.00 " "
	10	1	M	1.12½ " "
	10	2	M	1.25 " "
	10	2	M	1.50 " "
Average	10	9	M	1.18 " "
July 1855	10	3	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	5	M	1.15 " "
Jan. 1856	10	3	M	1.00 " "
	10	1	M	1.12½ " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	6	M	1.14½ " "
July 1856	10	3	M	1.00 " "
	10	1	M	1.25 " "
Average	10	4	M	1.06½ " "
Jan. 1857	10	3	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	6	M	1.16½ " "
July 1857	10	3	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	4	M	1.03 " "
Jan. 1858	10	2	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	3	M	1.04 " "
July 1858	10	1	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.50 " "
Average	10	4	M	1.18½ " "
Jan. 1859	10	3	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.50 " "
Average	10	6	M	1.12½ " "
July 1859	10	2	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	5	M	1.10 " "
Jan. 1860	10	1	M	$1.00 per day.
	10	3	M	1.12½ " "
	10	1	M	1.37½ " "
Average	10	5	M	1.15 " "
July 1860	10	1	M	1.00 " "
	10	3	M	1.12½ " "
	10	1	M	1.50 " "
Average	10	5	M	1.17½ " "
Jan. 1861	10	2	M	1.12½ " "
	10	1	M	1.50 " "
Average	10	3	M	1.25 " "
July 1861	10	1	M	1.00 " "
	10	5	M	1.12½ " "
	10	1	M	1.50 " "
Average	10	7	M	1.16 " "
Jan. 1862	10	2	M	1.12½ " "
	10	1	M	1.50 " "
Average	10	3	M	1.25 " "
July 1862	10	2	M	1.12½ " "
	10	1	M	1.50 " "
Average	10	3	M	1.25 " "
Jan. 1863	10	4	M	1.00 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	6	M	1.14½ " "
July 1863	10	2	M	1.00 " "
	10	5	M	1.25 " "
	10	1	M	1.50 " "
Average	10	8	M	1.22 " "
Jan. 1864	10	6	M	1.25 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
Average	10	9	M	1.39 " "
July 1864	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	2	M	1.62½ " "
	10	7	M	1.75 " "
Average	10	12	M	1.64½ " "
Jan. 1865	10	1	M	1.25 " "
	10	1	M	1.62½ " "
	10	6	M	1.75 " "
Average	10	8	M	1.67 " "
July 1865	10	1	M	1.25 " "
	10	1	M	1.62½ " "
	10	3	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	6	M	1.66½ " "
Jan. 1866	10	5	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BOILERMAKERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866	10	1	M	$1.60 per day.
	10	3	M	1.70 " "
	10	1	M	1.75 " "
	10	1	M	1.90 " "
Average	10	6	M	1.72½ " "
Jan. 1867	10	2	M	1.80 " "
	10	1	M	1.85 " "
Average	10	3	M	1.81½ " "
July 1867	10	2	M	1.00 " "
	10	1	M	1.80 " "
Average	10	3	M	1.26½ " "
Jan. 1868	10	3	M	1.00 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
Average	10	5	M	1.31 " "
July 1868	10	2	M	1.00 " "
	10	1	M	1.50 " "
Average	10	3	M	1.16½ " "
Jan. 1869	10	2	M	1.50 " "
July 1869	10	7	M	1.75 " "
	10	1	M	1.90 " "
Average	10	8	M	1.77 " "
Jan. 1870	10	1	M	1.75 " "
	10	1	M	1.90 " "
Average	10	2	M	1.82½ " "
July 1870	10	1	M	1.75 " "
Jan. 1871	10	1	M	1.75 " "
Jan. 1872	10	1	M	1.75 " "
July 1872	10	1	M	1.25 " "
	10	1	M	1.75 " "
Average	10	2	M	1.50 " "
July 1873	10	1	M	1.87½ " "
Jan. 1877	10	1	M	1.75 " "
Jan. 1878	10	9	M	1.50 " "
	10	2	M	1.75 " "
Average	10	11	M	1.54½ " "
July 1878	10	1	M	1.50 " "
Jan. 1879	10	1	M	1.50 " "
July 1879	10	1	M	1.25 " "
Jan. 1880	10	2	M	1.25 " "
July 1880	10	1	M	1.50 " "
Jan. 1881	10	1	M	1.00 " "
	10	1	M	1.75 " "
Average	10	2	M	1.37½ " "
July 1881	10	3	M	1.50 " "
Jan. 1882	10	1	M	$1.00 per day.
	10	3	M	1.50 " "
	10	1	M	1.75 " "
Average	10	5	M	1.45 " "
July 1882	10	5	M	1.50 " "
	10	1	M	1.75 " "
Average	10	6	M	1.54 " "
Jan. 1883	10	1	M	1.00 " "
	10	2	M	1.50 " "
	10	3	M	1.75 " "
Average	10	6	M	1.54 " "
July 1883	10	1	M	1.00 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
Average	10	4	M	1.50 " "
Jan. 1884	10	1	M	1.00 " "
	10	2	M	1.75 " "
Average	10	3	M	1.50 " "
July 1884	10	3	M	1.75 " "
Jan. 1885	10	1	M	1.75 " "
July 1885	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.59½ " "
Jan. 1886	10	5	M	1.50 " "
	10	2	M	1.75 " "
Average	10	7	M	1.57 " "
July 1886	10	1	M	1.00 " "
	10	2	M	1.50 " "
	10	3	M	1.75 " "
Average	10	6	M	1.54 " "
Jan. 1887	10	1	M	1.00 " "
	10	5	M	1.50 " "
	10	3	M	1.75 " "
Average	10	9	M	1.53 " "
July 1887	10	1	M	1.00 " "
	10	4	M	1.75 " "
Average	10	5	M	1.60 " "
Jan. 1888	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
Average	10	4	M	1.56½ " "
July 1888	10	1	M	1.25 " "
	10	8	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	11	M	1.51 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BOILERMAKERS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1889	10	1	M	$1.25 per day.	July 1890	10	1	M	$1.50 per day.
	10	1	M	1.75 " "		10	1	M	1.62½ " "
						10	3	M	1.75 " "
Average	10	2	M	1.50 " "	Average	10	5	M	1.67½ " "
July 1889	10	1	M	1.25 " "	Jan. 1891	10	2	M	1.75 " "
Jan. 1890	10	1	M	1.50 " "	July 1891	10	3	M	1.75 " "

ENGINEERS.

Jan. 1854	10	1	M	1.06 per day.	July 1871	10	1	M	2.67 per day.
July 1854	10	1	M	1.25 " "	Jan. 1872	10	1	M	2.67 " "
Jan. 1855	10	1	M	1.25 " "	July 1872	10	1	M	2.67 " "
July 1855	10	1	M	1.25 " "	Jan. 1873	10	1	M	2.67 " "
Jan. 1856	10	1	M	1.25 " "	July 1873	10	1	M	2.67 " "
July 1856	10	1	M	1.25 " "	Jan. 1874	10	1	M	2.67 " "
Jan. 1857	10	1	M	1.25 " "	July 1874	10	1	M	2.67 " "
July 1857	10	1	M	1.25 " "	Jan. 1875	10	1	M	2.67 " "
Jan. 1858	10	1	M	1.37½ " "	July 1875	10	1	M	2.67 " "
July 1858	10	1	M	1.37½ " "	July 1879	10	1	M	2.00 " "
Jan. 1859	10	1	M	1.37½ " "	Jan. 1880	10	1	M	2.00 " "
July 1859	10	1	M	1.37½ " "	July 1880	10	1	M	2.00 " "
Jan. 1860	10	1	M	1.50 " "	Jan. 1881	10	1	M	2.00 " "
July 1860	10	1	M	1.50 " "	July 1881	10	1	M	2.00 " "
Jan. 1861	10	1	M	1.50 " "	Jan. 1882	10	1	M	2.25 " "
July 1861	10	1	M	1.50 " "	July 1882	10	1	M	2.25 " "
Jan. 1862	10	1	M	1.50 " "	Jan. 1883	10	1	M	2.25 " "
July 1862	10	1	M	1.50 " "	July 1883	10	1	M	2.25 " "
Jan. 1863	10	1	M	1.50 " "	Jan. 1884	10	1	M	2.00 " "
Jan. 1864	10	1	M	1.75 " "	July 1884	10	1	M	2.00 " "
July 1864	10	1	M	2.25 " "	Jan. 1885	10	1	M	2.00 " "
Jan. 1865	10	1	M	2.50 " "	July 1885	10	1	M	2.00 " "
July 1865	10	1	M	2.50 " "	Jan. 1886	10	1	M	2.00 " "
Jan. 1866	10	1	M	2.50 " "	July 1886	10	1	M	2.00 " "
July 1866	10	1	M	2.50 " "	Jan. 1887	10	1	M	2.00 " "
Jan. 1867	10	1	M	2.50 " "	July 1887	10	1	M	2.00 " "
July 1867	10	1	M	2.50 " "	Jan. 1888	10	1	M	2.00 " "
Jan. 1868	10	1	M	2.50 " "	July 1888	10	1	M	2.00 " "
July 1868	10	1	M	2.50 " "	Jan. 1889	10	1	M	2.00 " "
Jan. 1869	10	1	M	2.50 " "	July 1889	10	1	M	2.00 " "
July 1869	10	1	M	2.75 " "	Jan. 1890	10	1	M	2.00 " "
Jan. 1870	10	1	M	2.75 " "	July 1890	10	1	M	2.00 " "
July 1870	10	1	M	2.67 " "	Jan. 1891	10	1	M	2.25 " "
Jan. 1871	10	1	M	2.67 " "	July 1891	10	1	M	2.00 " "

FOREMEN, BOILERMAKERS.

July 1853	10	1	M	2.00 per day.	Jan. 1864	10	1	M	4.00 per day.
Jan. 1854	10	1	M	2.25 " "	July 1864	10	1	M	5.50 " "
July 1854	10	1	M	2.25 " "	Jan. 1865	10	1	M	6.00 " "
Jan. 1855	10	1	M	2.25 " "	July 1865	10	1	M	6.00 " "
July 1855	10	1	M	2.25 " "	Jan. 1866	10	1	M	4.00 " "
Jan. 1856	10	1	M	2.50 " "	July 1866	10	1	M	4.00 " "
July 1856	10	1	M	2.50 " "	Jan. 1867	10	1	M	5.00 " "
Jan. 1857	10	1	M	2.50 " "	July 1867	10	1	M	5.00 " "
July 1857	10	1	M	2.50 " "	Jan. 1868	10	1	M	5.00 " "
Jan. 1858	10	1	M	2.62½ " "	July 1868	10	1	M	5.00 " "
July 1858	10	1	M	2.62½ " "	Jan. 1869	10	1	M	5.00 " "
Jan. 1859	10	1	M	2.62½ " "	July 1869	10	1	M	5.50 " "
July 1859	10	1	M	2.75 " "	Jan. 1870	10	1	M	5.50 " "
Jan. 1860	10	1	M	3.00 " "	July 1870	10	1	M	5.50 " "
July 1860	10	1	M	3.00 " "	Jan. 1871	10	1	M	5.50 " "
Jan. 1861	10	1	M	3.00 " "	July 1871	10	1	M	5.50 " "
July 1861	10	1	M	3.00 " "	Jan. 1872	10	1	M	5.00 " "
Jan. 1862	10	1	M	3.00 " "	July 1872	10	1	M	5.00 " "
July 1862	10	1	M	3.00 " "	Jan. 1873	10	1	M	5.00 " "
Jan. 1863	10	1	M	3.00 " "	July 1873	10	1	M	4.00 " "
July 1863	10	1	M	3.50 " "	Jan. 1874	10	1	M	4.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

FOREMEN, BOILERMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1874	10	1	M	$3.00 per day.	July 1884	10	1	M	$3.25 per day.
Jan. 1875	10	1	M	3.50 " "	Jan. 1885	10	1	M	3.25 " "
July 1875	10	1	M	3.25 " "	July 1885	10	1	M	3.25 " "
Jan. 1876	10	1	M	3.25 " "	Jan. 1886	10	1	M	3.25 " "
July 1876	10	1	M	3.25 " "	July 1886	10	1	M	3.50 " "
Jan. 1877	10	1	M	4.00 " "	Jan. 1887	10	1	M	3.50 " "
July 1877	10	1	M	4.00 " "	July 1887	10	1	M	3.50 " "
Jan. 1878	10	1	M	4.00 " "	Jan. 1888	10	1	M	3.50 " "
July 1878	10	1	M	4.00 " "	July 1888	10	1	M	3.50 " "
Jan. 1879	10	1	M	4.00 " "	Jan. 1889	10	1	M	3.50 " "
Jan. 1881	10	1	M	4.00 " "	July 1889	10	1	M	3.50 " "
July 1882	10	1	M	3.00 " "	Jan. 1890	10	1	M	4.00 " "
Jan. 1883	10	1	M	3.00 " "	July 1890	10	1	M	4.00 " "
July 1883	10	1	M	3.00 " "	Jan. 1891	10	1	M	4.00 " "
Jan. 1884	10	1	M	3.00 " "	July 1891	10	1	M	4.00 " "

FOREMEN, MACHINISTS.

Jan. 1853	10	1	M	3.83½ per day.	July 1871	10	1	M	3.50 per day.
July 1853	10	1	M	3.83½ " "	Jan. 1872	10	1	M	3.50 " "
Jan. 1854	10	1	M	3.83½ " "	July 1872	10	1	M	3.50 " "
July 1854	10	1	M	3.83½ " "	Jan. 1873	10	1	M	4.00 " "
Jan. 1855	10	1	M	3.83½ " "	July 1873	10	1	M	4.00 " "
July 1855	10	1	M	3.83½ " "	Jan. 1874	10	1	M	4.00 " "
Jan. 1856	10	1	M	3.83½ " "	July 1874	10	1	M	4.00 " "
July 1856	10	1	M	3.83½ " "	Jan. 1875	10	1	M	4.00 " "
Jan. 1857	10	1	M	3.83½ " "	July 1875	10	1	M	3.50 " "
July 1857	10	1	M	3.83½ " "	Jan. 1876	10	1	M	3.50 " "
Jan. 1858	10	1	M	3.83½ " "	July 1876	10	1	M	3.50 " "
July 1858	10	1	M	3.83½ " "	Jan. 1877	10	1	M	4.00 " "
Jan. 1859	10	1	M	3.83½ " "	July 1877	10	1	M	4.50 " "
July 1859	10	1	M	3.83½ " "	July 1882	10	1	M	3.25 " "
Jan. 1860	10	1	M	3.83½ " "	Jan. 1883	10	1	M	3.25 " "
July 1860	10	1	M	3.83½ " "	July 1883	10	1	M	3.25 " "
Jan. 1861	10	1	M	3.83½ " "	Jan. 1884	10	1	M	3.25 " "
July 1861	10	1	M	3.83½ " "	July 1884	10	1	M	3.25 " "
Jan. 1862	10	1	M	3.83½ " "	Jan. 1885	10	1	M	3.25 " "
July 1862	10	1	M	3.83½ " "	July 1885	10	1	M	3.25 " "
Jan. 1863	10	1	M	3.83½ " "	Jan. 1886	10	1	M	3.25 " "
July 1863	10	1	M	3.83½ " "	July 1886	10	1	M	3.25 " "
Jan. 1864	10	1	M	4.79 " "	Jan. 1887	10	1	M	3.25 " "
July 1864	10	1	M	6.39 " "	July 1887	10	1	M	3.25 " "
Jan. 1865	10	1	M	6.39 " "	Jan. 1888	10	1	M	3.25 " "
July 1865	10	1	M	6.39 " "	July 1888	10	1	M	3.25 " "
Jan. 1866	10	1	M	3.75 " "	Jan. 1889	10	1	M	3.25 " "
July 1866	10	1	M	3.75 " "	July 1889	10	1	M	3.25 " "
Jan. 1867	10	1	M	3.75 " "	Jan. 1890	10	1	M	3.25 " "
July 1867	10	1	M	3.75 " "	July 1890	10	1	M	3.25 " "
Jan. 1870	10	1	M	3.50 " "	Jan. 1891	10	1	M	3.25 " "
July 1870	10	1	M	3.50 " "	July 1891	10	1	M	3.25 " "
Jan. 1871	10	1	M	3.50 " "					

FOREMEN, MOULDERS.

Jan. 1854	10	1	M	2.50 per day.	July 1865	10	1	M	4.50 per day.
July 1854	10	1	M	2.50 " "	Jan. 1866	10	1	M	4.00 " "
July 1859	10	1	M	2.87½ " "	July 1866	10	1	M	4.00 " "
Jan. 1860	10	1	M	2.87½ " "	Jan. 1867	10	1	M	4.50 " "
July 1860	10	1	M	3.00 " "	July 1867	10	1	M	4.50 " "
Jan. 1861	10	1	M	3.00 " "	July 1868	10	1	M	4.50 " "
July 1861	10	1	M	3.00 " "	Jan. 1869	10	1	M	5.00 " "
Jan. 1862	10	1	M	3.00 " "	July 1869	10	1	M	5.00 " "
July 1862	10	1	M	3.00 " "	Jan. 1870	10	1	M	5.00 " "
Jan. 1863	10	1	M	3.00 " "	July 1870	10	1	M	4.50 " "
July 1863	10	1	M	3.50 " "	Jan. 1871	10	1	M	4.50 " "
Jan. 1864	10	1	M	3.50 " "	July 1871	10	1	M	4.50 " "
July 1864	10	1	M	4.50 " "	Jan. 1872	10	1	M	4.50 " "
Jan. 1865	10	1	M	4.50 " "	July 1872	10	1	M	4.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

FOREMEN, MOULDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1873	10	1	M	$4.50 per day.	July 1882	10	1	M	$4.00 per day.
July 1873	10	1	M	4.50 " "	Jan. 1883	10	1	M	3.00 " "
Jan. 1874	10	1	M	4.50 " "	July 1883	10	1	M	3.50 " "
July 1874	10	1	M	4.50 " "	Jan. 1884	10	1	M	3.50 " "
Jan. 1875	10	1	M	4.50 " "	July 1884	10	1	M	3.50 " "
July 1875	10	1	M	4.50 " "	Jan. 1885	10	1	M	3.50 " "
Jan. 1876	10	1	M	4.50 " "	July 1885	10	1	M	3.50 " "
July 1876	10	1	M	4.50 " "	Jan. 1886	10	1	M	3.50 " "
Jan. 1877	10	1	M	4.00 " "	July 1886	10	1	M	3.50 " "
July 1877	10	1	M	4.00 " "	Jan. 1887	10	1	M	3.75 " "
Jan. 1878	10	1	M	4.00 " "	July 1887	10	1	M	3.75 " "
July 1878	10	1	M	4.00 " "	Jan. 1888	10	1	M	3.75 " "
Jan. 1879	10	1	M	3.50 " "	July 1888	10	1	M	3.75 " "
July 1879	10	1	M	3.50 " "	Jan. 1889	10	1	M	3.75 " "
Jan. 1880	10	1	M	3.50 " "	July 1889	10	1	M	3.75 " "
July 1880	10	1	M	3.75 " "	Jan. 1890	10	1	M	3.75 " "
Jan. 1881	10	1	M	3.75 " "	July 1890	10	1	M	3.75 " "
July 1881	10	1	M	4.00 " "	Jan. 1891	10	1	M	3.75 " "
Jan. 1882	10	1	M	4.00 " "	July 1891	10	1	M	3.75 " "

MACHINISTS.

Jan. 1853	10	1	M	2.00 per day.	Jan. 1856–cone'd.	10	1	M	1.87½ per day.
July 1853	10	1	M	1.62½ " "		10	1	M	2.00 " "
	10	2	M	1.87½ " "		10	1	M	2.25 " "
	10	2	M	2.00 " "		10	1	M	2.50 " "
Average	10	5	M	1.87½ " "	Average	10	14	M	1.77½ " "
Jan. 1854	10	3	M	1.50 " "	July 1856	10	4	M	1.50 " "
	10	1	M	1.62½ " "		10	1	M	1.58½ " "
	10	1	M	1.66⅔ " "		10	1	M	1.62½ " "
	10	4	M	1.75 " "		10	1	M	1.83⅓ " "
	10	2	M	1.87½ " "		10	3	M	2.00 " "
	10	1	M	2.00 " "		10	1	M	2.25 " "
	10	1	M	2.12½ " "		10	1	M	2.50 " "
	10	1	M	2.16⅔ " "	Average	10	12	M	1.81½ " "
Average	10	14	M	1.77½ " "	Jan. 1857	10	2	M	1.50 " "
July 1854	10	2	M	1.50 " "		10	4	M	1.62½ " "
	10	2	M	1.87½ " "		10	3	M	1.66⅔ " "
	10	1	M	2.00 " "		10	2	M	1.75 " "
	10	1	M	2.50 " "		10	2	M	1.83⅓ " "
Average	10	6	M	1.87½ " "		10	1	M	2.00 " "
Jan. 1855	10	4	M	1.50 " "		10	1	M	2.25 " "
	10	1	M	1.58⅓ " "		10	1	M	2.50 " "
	10	1	M	1.66⅔ " "	Average	10	16	M	1.77½ " "
	10	1	M	1.75 " "	July 1857	10	6	M	1.62½ " "
	10	1	M	1.81⅓ " "		10	4	M	1.66⅔ " "
	10	1	M	1.87½ " "		10	2	M	1.75 " "
	10	1	M	2.50 " "		10	1	M	1.87½ " "
Average	10	10	M	1.72 " "		10	1	M	2.00 " "
July 1855	10	5	M	1.50 " "		10	1	M	2.50 " "
	10	3	M	1.66⅔ " "	Average	10	15	M	1.75 " "
	10	2	M	1.75 " "	Jan. 1858	10	2	M	1.50 " "
	10	1	M	1.87½ " "		10	2	M	1.62½ " "
	10	1	M	2.25 " "		10	2	M	1.66⅔ " "
	10	1	M	2.50 " "		10	1	M	1.87½ " "
Average	10	13	M	1.74 " "		10	1	M	2.00 " "
Jan. 1856	10	3	M	1.50 " "		10	1	M	2.50 " "
	10	1	M	1.58⅓ " "	Average	10	9	M	1.77½ " "
	10	1	M	1.62½ " "	July 1858	10	4	M	1.50 " "
	10	3	M	1.66⅔ " "		10	2	M	1.62½ " "
	10	2	M	1.75 " "		10	2	M	1.66⅔ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1858-cone'd.	10	1	M	$1.75 per day.
	10	1	M	2.00 " "
Average	10	10	M	1.63½ " "
Jan. 1859	10	2	M	1.62½ " "
	10	1	M	1.66⅔ " "
Average	10	3	M	1.64 " "
July 1859	10	7	M	1.62½ " "
	10	2	M	1.66⅔ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	11	M	1.68 " "
Jan. 1860	10	5	M	1.62½ " "
	10	2	M	1.66⅔ " "
	10	3	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	12	M	1.76½ " "
July 1860	10	5	M	1.62½ " "
	10	2	M	1.66⅔ " "
	10	6	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	15	M	1.76½ " "
Jan. 1861	10	3	M	1.62½ " "
	10	2	M	1.66⅔ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	9	M	1.80 " "
July 1861	10	2	M	1.66⅔ " "
	10	2	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	6	M	1.86½ " "
Jan. 1862	10	6	M	1.62½ " "
	10	7	M	1.66⅔ " "
	10	4	M	1.75 " "
	10	1	M	2.50 " "
Average	10	18	M	1.71½ " "
July 1862	10	5	M	1.62½ " "
	10	5	M	1.66⅔ " "
	10	3	M	1.75 " "
	10	1	M	2.50 " "
Average	10	14	M	1.73 " "
Jan. 1863	10	3	M	1.62½ " "
	10	1	M	1.66⅔ " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	6	M	1.69⅓ " "
July 1863	10	2	M	1.66⅔ " "
	10	6	M	1.75 " "
	10	1	M	1.83½ " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	12	M	1.82½ " "
Jan. 1864	10	6	M	$1.83½ per day.
	10	1	M	1.87½ " "
	10	5	M	2.00 " "
	10	2	M	2.25 " "
Average	10	14	M	1.95½ " "
July 1864	10	2	M	1.83½ " "
	10	3	M	1.87½ " "
	10	1	M	2.00 " "
	10	4	M	2.25 " "
	10	1	M	2.37½ " "
	10	9	M	2.50 " "
	10	1	M	2.62 " "
Average	10	21	M	2.27½ " "
Jan. 1865	10	1	M	1.87½ " "
	10	1	M	2.00 " "
	10	1	M	2.37½ " "
	10	2	M	2.50 " "
	10	4	M	2.62 " "
	10	3	M	2.75 " "
	10	4	M	3.00 " "
Average	10	16	M	2.62½ " "
July 1865	10	1	M	1.87½ " "
	10	2	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.37½ " "
	10	3	M	2.62 " "
	10	3	M	2.75 " "
	10	3	M	3.00 " "
Average	10	14	M	2.53½ " "
Jan. 1866	10	3	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.37½ " "
	10	3	M	2.50 " "
	10	3	M	2.62 " "
	10	4	M	2.75 " "
	10	1	M	2.87 " "
	10	3	M	3.00 " "
Average	10	20	M	2.55½ " "
July 1866	10	3	M	2.25 " "
	10	2	M	2.37½ " "
	10	2	M	2.50 " "
	10	4	M	2.62 " "
	10	4	M	2.75 " "
	10	1	M	2.87 " "
	10	4	M	3.00 " "
	10	3	M	3.25 " "
Average	10	23	M	2.72 " "
Jan. 1867	10	2	M	2.25 " "
	10	1	M	2.37½ " "
	10	1	M	2.50 " "
	10	2	M	2.62 " "
	10	4	M	2.75 " "
	10	5	M	3.00 " "
	10	1	M	3.12 " "
	10	4	M	3.25 " "
Average	10	20	M	2.83½ " "
July 1867	10	3	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.37½ " "
	10	4	M	2.50 " "
	10	2	M	2.62 " "
	10	5	M	2.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1867–conc'd.	10	6	M	$3.00 per day.
	10	1	M	3.12 " "
	10	3	M	3.25 " "
Average	10	27	M	2.69½ " "
Jan. 1868	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	2	M	2.62 " "
	10	3	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.12 " "
	10	3	M	3.25 " "
Average	10	15	M	2.80 " "
July 1868	10	1	M	2.00 " "
	10	1	M	2.37½ " "
	10	4	M	2.50 " "
	10	1	M	2.62 " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.12 " "
	10	3	M	3.25 " "
Average	10	17	M	2.75½ " "
Jan. 1869	10	1	M	2.00 " "
	10	1	M	2.37½ " "
	10	1	M	2.50 " "
	10	1	M	2.62 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.12 " "
	10	3	M	3.25 " "
Average	10	13	M	2.81½ " "
July 1869	10	4	M	2.25 " "
	10	6	M	2.50 " "
	10	2	M	2.62 " "
	10	5	M	2.75 " "
	10	2	M	2.87 " "
	10	5	M	3.00 " "
	10	2	M	3.25 " "
Average	10	26	M	2.70 " "
Jan. 1870	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	6	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	2.80 " "
	10	2	M	2.87 " "
	10	3	M	3.00 " "
	10	1	M	3.25 " "
Average	10	19	M	2.68½ " "
July 1870	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	2.87 " "
	10	3	M	3.00 " "
	10	1	M	3.25 " "
Average	10	12	M	2.73 " "
Jan. 1871	10	1	M	2.00 " "
	10	1	M	2.30 " "
	10	4	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	2.87 " "
Jan. 1871–conc'd.	10	6	M	$3.00 per day.
	10	1	M	3.25 " "
Average	10	18	M	2.75 " "
July 1871	10	3	M	2.00 " "
	10	4	M	2.25 " "
	10	1	M	2.30 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	2.87 " "
	10	5	M	3.00 " "
	10	1	M	3.25 " "
Average	10	21	M	2.58½ " "
Jan. 1872	10	3	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.30 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	2.87 " "
	10	5	M	3.00 " "
	10	1	M	3.25 " "
Average	10	19	M	2.62 " "
July 1872	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	6	M	2.75 " "
	10	2	M	2.87 " "
	10	4	M	3.00 " "
	10	2	M	3.25 " "
Average	10	18	M	2.77½ " "
Jan. 1873	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	2.87 " "
	10	4	M	3.00 " "
	10	2	M	3.25 " "
Average	10	13	M	2.82½ " "
July 1873	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	2.87 " "
	10	5	M	3.00 " "
	10	2	M	3.25 " "
Average	10	14	M	2.83 " "
Jan. 1874	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	2.87 " "
	10	4	M	3.00 " "
	10	2	M	3.25 " "
Average	10	15	M	2.76 " "
July 1874	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
	10	2	M	3.25 " "
Average	10	10	M	2.78½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1875	10	2	M	$2.00 per day.
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	7	M	2.57 " "
July 1875	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.62 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	7	M	2.59 " "
Jan. 1876	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.62 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	9	M	2.55½ " "
July 1876	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.62 " "
	10	1	M	2.70 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	10	M	2.53 " "
Jan. 1877	10	2	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.62 " "
	10	4	M	2.75 " "
Average	10	9	M	2.51½ " "
July 1877	10	4	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.62 " "
	10	4	M	2.75 " "
Average	10	13	M	2.39½ " "
Jan. 1878	10	9	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.62 " "
	10	4	M	2.75 " "
Average	10	19	M	2.29½ " "
July 1878	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	4	M	2.50 " "
	10	2	M	2.75 " "
Average	10	10	M	2.42½ " "
Jan. 1879	10	1	M	2.00 " "
	10	7	M	2.25 " "
	10	6	M	2.50 " "
	10	1	M	2.75 " "
Average	10	15	M	2.36½ " "
July 1879	10	3	M	2.00 " "
	10	6	M	2.25 " "
July 1879—cone'd.	10	5	M	$2.50 per day.
	10	1	M	2.75 " "
Average	10	15	M	2.31½ " "
Jan. 1880	10	2	M	2.00 " "
	10	8	M	2.25 " "
	10	5	M	2.50 " "
	10	1	M	2.75 " "
Average	10	16	M	2.33 " "
July 1880	10	2	M	2.00 " "
	10	4	M	2.25 " "
	10	10	M	2.50 " "
	10	1	M	2.75 " "
Average	10	17	M	2.39½ " "
Jan. 1881	10	4	M	2.00 " "
	10	5	M	2.25 " "
	10	7	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	19	M	2.38 " "
July 1881	10	6	M	2.00 " "
	10	9	M	2.25 " "
	10	14	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
Average	10	32	M	2.37½ " "
Jan. 1882	10	8	M	2.00 " "
	10	10	M	2.25 " "
	10	11	M	2.50 " "
	10	4	M	3.00 " "
Average	10	33	M	2.36½ " "
July 1882	10	6	M	2.00 " "
	10	8	M	2.25 " "
	10	11	M	2.50 " "
	10	1	M	2.62 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
Average	10	31	M	2.40 " "
Jan. 1883	10	6	M	2.00 " "
	10	5	M	2.25 " "
	10	10	M	2.50 " "
	10	1	M	2.62 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
Average	10	27	M	2.41 " "
July 1883	10	4	M	2.00 " "
	10	4	M	2.25 " "
	10	11	M	2.50 " "
	10	1	M	2.62 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
Average	10	24	M	2.44½ " "
Jan. 1884	10	3	M	2.00 " "
	10	2	M	2.25 " "
	10	9	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884–cond.	10	3	M	$2.75 per day.
	10	2	M	3.00 " "
Average	10	19	M	2.48½ " "
July 1884	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	8	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
Average	10	17	M	2.50 " "
Jan. 1885	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	8	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
Average	10	16	M	2.53 " "
July 1885	10	3	M	2.00 " "
	10	2	M	2.25 " "
	10	8	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
Average	10	18	M	2.48½ " "
Jan. 1886	10	7	M	2.00 " "
	10	2	M	2.25 " "
	10	7	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
Average	10	21	M	2.39½ " "
July 1886	10	5	M	2.00 " "
	10	2	M	2.25 " "
	10	7	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
Average	10	19	M	2.43½ " "
Jan. 1887	10	4	M	2.00 " "
	10	3	M	2.25 " "
	10	7	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
Average	10	19	M	2.44½ " "
July 1887	10	2	M	2.00 " "
	10	7	M	2.25 " "
	10	1	M	2.37½ " "
	10	10	M	2.50 " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
Average	10	26	M	2.46½ " "
Jan. 1888	10	2	M	2.00 " "
	10	6	M	2.25 " "
	10	1	M	2.37½ " "
Jan. 1888–cond.	10	12	M	$2.50 per day.
	10	5	M	2.75 " "
	10	2	M	3.00 " "
Average	10	28	M	2.48½ " "
July 1888	10	4	M	2.00 " "
	10	5	M	2.25 " "
	10	1	M	2.37½ " "
	10	14	M	2.50 " "
	10	5	M	2.75 " "
	10	1	M	3.00 " "
Average	10	30	M	2.44½ " "
Jan. 1889	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.37½ " "
	10	8	M	2.50 " "
	10	5	M	2.75 " "
	10	1	M	3.00 " "
Average	10	20	M	2.49½ " "
July 1889	10	2	M	2.00 " "
	10	5	M	2.25 " "
	10	8	M	2.50 " "
	10	5	M	2.75 " "
	10	1	M	3.00 " "
Average	10	21	M	2.47½ " "
Jan. 1890	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	10	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
Average	10	19	M	2.51½ " "
July 1890	10	2	M	2.00 " "
	10	4	M	2.25 " "
	10	11	M	2.50 " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
Average	10	23	M	2.50 " "
Jan. 1891	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	9	M	2.50 " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
Average	10	20	M	2.51½ " "
July 1891	10	5	M	2.00 " "
	10	5	M	2.25 " "
	10	19	M	2.50 " "
	10	5	M	2.75 " "
	10	2	M	3.00 " "
Average	10	36	M	2.46 " "

MACHINISTS' HELPERS.

July 1853	10	1	M	1.12½ per day.
	10	1	M	1.25 " "
Average	10	2	M	1.18½ " "
Jan. 1854	10	1	M	1.12½ per day.
	10	1	M	1.25 " "
	10	1	M	1.37½ " "
Average	10	3	M	1.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1854	10	1	M	$1.37½ per day.
Jan. 1855	10	2	M	1.00 " "
	10	1	M	1.37½ " "
Average	10	3	M	1.12½ " "
July 1855	10	1	M	1.00 " "
Jan. 1856	10	2	M	1.00 " "
	10	2	M	1.25 " "
Average	10	4	M	1.12½ " "
July 1856	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	2	M	1.12½ " "
Jan. 1857	10	4	M	1.00 " "
	10	4	M	1.25 " "
Average	10	8	M	1.12½ " "
July 1857	10	3	M	1.00 " "
	10	1	M	1.16½ " "
	10	2	M	1.25 " "
	10	3	M	1.37½ " "
Average	10	9	M	1.20 " "
Jan. 1858	10	2	M	1.00 " "
	10	1	M	1.16½ " "
	10	1	M	1.25 " "
	10	2	M	1.37½ " "
Average	10	6	M	1.19½ " "
July 1858	10	1	M	1.16½ " "
	10	1	M	1.25 " "
	10	2	M	1.37½ " "
Average	10	4	M	1.29 " "
Jan. 1859	10	1	M	1.16½ " "
	10	1	M	1.25 " "
	10	2	M	1.37½ " "
Average	10	4	M	1.29 " "
July 1859	10	3	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.33 " "
	10	3	M	1.37½ " "
Average	10	9	M	1.21½ " "
Jan. 1860	10	3	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.33 " "
	10	1	M	1.37½ " "
Average	10	6	M	1.16 " "
July 1860	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.33 " "
Average	10	4	M	1.20½ " "
Jan. 1861	10	2	M	1.37½ " "
	10	5	M	1.50 " "
Average	10	7	M	1.46½ " "
July 1861	10	6	M	$1.00 per day.
	10	1	M	1.25 " "
	10	2	M	1.33 " "
	10	7	M	1.50 " "
Average	10	16	M	1.27½ " "
Jan. 1862	10	8	M	1.00 " "
	10	1	M	1.12½ " "
	10	5	M	1.25 " "
	10	3	M	1.33 " "
	10	9	M	1.50 " "
Average	10	26	M	1.26½ " "
July 1862	10	4	M	1.00 " "
	10	2	M	1.25 " "
	10	2	M	1.33 " "
	10	5	M	1.50 " "
Average	10	13	M	1.28 " "
Jan. 1863	10	1	M	1.33 " "
	10	3	M	1.50 " "
Average	10	4	M	1.45½ " "
July 1863	10	1	M	1.12½ " "
Jan. 1864	10	1	M	1.33 " "
	10	5	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	7	M	1.49½ " "
July 1864	10	1	M	1.00 " "
	10	1	M	1.62½ " "
	10	1	M	1.66⅔ " "
	10	1	M	1.75 " "
Average	10	4	M	1.51 " "
Jan. 1865	10	1	M	1.00 " "
	10	1	M	1.50 " "
	10	3	M	1.75 " "
Average	10	5	M	1.55 " "
July 1865	10	1	M	1.08⅓ " "
	10	1	M	1.75 " "
Average	10	2	M	1.41½ " "
Jan. 1866	10	2	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	3	M	1.75 " "
Average	10	7	M	1.43 " "
July 1866	10	1	M	1.12½ " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	3	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	7	M	1.59 " "
Jan. 1867	10	1	M	1.00 " "
	10	3	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	5	M	1.62½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1867	10	2	M	$1.66½ per day.
	10	5	M	1.75 " "
Average	10	7	M	1.72½ " "
Jan. 1868	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
July 1868	10	2	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	3	M	1.55½ " "
Jan. 1869	10	1	M	1.62½ " "
	10	1	M	1.66½ " "
Average	10	2	M	1.64½ " "
July 1869	10	2	M	1.08½ " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.38½ " "
Jan. 1870	10	1	M	1.08½ " "
	10	1	M	1.33 " "
	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	5	M	1.51 " "
July 1870	10	1	M	1.08½ " "
Jan. 1871	10	2	M	1.08½ " "
	10	2	M	1.75 " "
Average	10	4	M	1.41½ " "
July 1871	10	1	M	1.08½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.41½ " "
Jan. 1873	10	1	M	1.08½ " "
July 1873	10	2	M	1.08½ " "
Jan. 1874	10	2	M	1.08½ " "
	10	1	M	1.50 " "
Average	10	3	M	1.22½ " "
July 1874	10	1	M	1.08½ " "
	10	1	M	1.50 " "
Average	10	2	M	1.29½ " "
Jan. 1875	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	2	M	1.58½ " "
July 1875	10	1	M	1.75 " "
Jan. 1876	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
July 1876	10	1	M	1.08½ " "
Jan. 1877	10	1	M	$1.08½ per day.
	10	4	M	1.50 " "
Average	10	5	M	1.41½ " "
July 1877	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	3	M	1.58½ " "
Jan. 1878	10	2	M	1.50 " "
	10	3	M	1.75 " "
Average	10	5	M	1.65 " "
July 1878	10	1	M	1.08½ " "
	10	1	M	1.50 " "
	10	3	M	1.75 " "
Average	10	5	M	1.56½ " "
Jan. 1879	10	2	M	1.08½ " "
	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	4	M	1.35½ " "
July 1879	10	5	M	.95 " "
	10	1	M	1.08 " "
	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	8	M	1.13½ " "
Jan. 1880	10	2	M	.95 " "
	10	1	M	1.00 " "
	10	3	M	1.08½ " "
	10	4	M	1.50 " "
	10	3	M	1.75 " "
Average	10	13	M	1.34 " "
July 1880	10	1	M	1.00 " "
	10	3	M	1.08½ " "
	10	2	M	1.25 " "
	10	4	M	1.50 " "
	10	2	M	1.75 " "
Average	10	12	M	1.35½ " "
Jan. 1881	10	2	M	.95 " "
	10	1	M	1.25 " "
	10	5	M	1.50 " "
	10	2	M	1.75 " "
Average	10	10	M	1.41½ " "
July 1881	10	4	M	.95 " "
	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	2	M	1.75 " "
Average	10	9	M	1.28½ " "
Jan. 1882	10	2	M	.95 " "
	10	2	M	1.08½ " "
	10	5	M	1.50 " "
	10	1	M	1.75 " "
Average	10	10	M	1.33 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MACHINISTS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1882	10	3	M	$0.95 per day.
	10	4	M	1.08½ " "
	10	2	M	1.50 " "
	10	3	M	1.75 " "
Average	10	12	M	1.28½ " "
Jan. 1883	10	4	M	.95 " "
	10	2	M	1.08½ " "
	10	4	M	1.50 " "
	10	3	M	1.75 " "
Average	10	13	M	1.32½ " "
July 1883	10	1	M	.95 " "
	10	2	M	1.08½ " "
	10	2	M	1.50 " "
	10	5	M	1.75 " "
Average	10	10	M	1.48½ " "
Jan. 1884	10	2	M	.95 " "
	10	3	M	1.08½ " "
	10	2	M	1.50 " "
	10	4	M	1.75 " "
Average	10	11	M	1.38 " "
July 1884	10	3	M	.95 " "
	10	1	M	1.08½ " "
	10	3	M	1.50 " "
	10	4	M	1.75 " "
Average	10	11	M	1.40½ " "
Jan. 1885	10	2	M	.95 " "
	10	2	M	1.08½ " "
	10	2	M	1.50 " "
	10	5	M	1.75 " "
Average	10	11	M	1.44 " "
July 1885	10	1	M	.95 " "
	10	2	M	1.08½ " "
	10	2	M	1.50 " "
	10	4	M	1.75 " "
Average	10	9	M	1.46 " "
Jan. 1886	10	1	M	1.08½ " "
	10	3	M	1.50 " "
	10	3	M	1.75 " "
Average	10	7	M	1.55 " "
July 1886	10	1	M	1.08½ " "
	10	3	M	1.50 " "
	10	3	M	1.75 " "
Average	10	7	M	1.55 " "
Jan. 1887	10	4	M	1.50 " "
	10	4	M	1.75 " "
Average	10	8	M	1.62½ " "
July 1887	10	1	M	$1.00 per day.
	10	4	M	1.50 " "
	10	4	M	1.75 " "
Average	10	9	M	1.55½ " "
Jan. 1888	10	1	M	1.25 " "
	10	3	M	1.50 " "
	10	1	M	1.75 " "
Average	10	5	M	1.50 " "
July 1888	10	2	M	.83½ " "
	10	1	M	.96 " "
	10	1	M	1.08½ " "
	10	1	M	1.25 " "
	10	3	M	1.50 " "
	10	1	M	1.75 " "
Average	10	9	M	1.24½ " "
Jan. 1889	10	3	M	.83½ " "
	10	1	M	1.08½ " "
	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	7	M	1.19 " "
July 1889	10	2	M	.83½ " "
	10	2	M	.96 " "
	10	3	M	1.50 " "
	10	1	M	1.75 " "
Average	10	8	M	1.23 " "
Jan. 1890	10	1	M	.83½ " "
	10	3	M	.96 " "
	10	2	M	1.50 " "
	10	2	M	1.75 " "
Average	10	8	M	1.27½ " "
July 1890	10	2	M	.96 " "
	10	1	M	1.08½ " "
	10	4	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	8	M	1.36 " "
Jan. 1891	10	1	M	.96 " "
	10	3	M	1.08½ " "
	10	2	M	1.50 " "
Average	10	6	M	1.20½ " "
July 1891	10	1	M	.75 " "
	10	1	M	.83½ " "
	10	2	M	1.08½ " "
	10	4	M	1.50 " "
	10	2	M	1.75 " "
Average	10	10	M	1.32½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MOULDERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854	10	1	M	$1.75 per day.
July 1854	10	1	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	2	M	1.68¾ " "
July 1859	10	2	M	1.62½ " "
	10	1	M	2.00 " "
Average	10	3	M	1.75 " "
Jan. 1860	10	1	M	1.62½ " "
July 1860	10	1	M	1.62½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.81¼ " "
Jan. 1861	10	1	M	2.00 " "
July 1861	10	1	M	1.62½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.81¼ " "
Jan. 1862	10	1	M	2.00 " "
July 1862	10	1	M	2.00 " "
Jan. 1863	10	1	M	1.87½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.93¾ " "
July 1863	10	2	M	1.87½ " "
	10	2	M	2.00 " "
	10	1	M	2.50 " "
Average	10	5	M	2.05 " "
Jan. 1864	10	1	M	1.87½ " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.04 " "
July 1864	10	1	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	1	M	2.75 " "
Average	10	4	M	2.47 " "
Jan. 1865	10	1	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	1	M	2.75 " "
Average	10	4	M	2.47 " "
July 1865	10	1	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	1	M	2.75 " "
Average	10	4	M	2.47 " "
Jan. 1866	10	1	M	1.87½ " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	10	M	2.38½ " "
July 1866	10	2	M	$2.00 per day.
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.66½ " "
	10	2	M	2.75 " "
	10	2	M	2.80 " "
	10	4	M	3.00 " "
	10	2	M	3.25 " "
Average	10	15	M	2.73½ " "
Jan. 1867	10	4	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	2.66½ " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
	10	2	M	3.25 " "
Average	10	11	M	2.56 " "
July 1867	10	5	M	2.00 " "
	10	2	M	2.50 " "
	10	5	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	14	M	2.50 " "
Jan. 1868	10	3	M	2.00 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	9	M	2.53 " "
July 1868	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	4	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	9	M	2.53 " "
Jan. 1869	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.62½ " "
	10	1	M	2.66⅔ " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
Average	10	10	M	2.68 " "
July 1869	10	6	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	3	M	2.75 " "
	10	7	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	23	M	2.61 " "
Jan. 1870	10	5	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	7	M	3.00 " "
	10	1	M	3.50 " "
Average	10	19	M	2.62½ " "
July 1870	10	5	M	2.00 " "
	10	2	M	2.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1870–cone'd.	10	6	M	$2.50 per day.
	10	1	M	2.75 " "
	10	1	M	2.85 " "
	10	7	M	3.00 " "
	10	2	M	3.25 " "
	10	1	M	3.50 " "
Average	10	25	M	2.64½ " "
Jan. 1871	10	5	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.85 " "
	10	5	M	3.00 " "
	10	1	M	3.25 " "
Average	10	15	M	2.57½ " "
July 1871	10	6	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.85 " "
	10	8	M	3.00 " "
	10	1	M	3.25 " "
Average	10	20	M	2.60½ " "
Jan. 1872	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.85 " "
	10	5	M	3.00 " "
	10	2	M	3.25 " "
Average	10	16	M	2.68 " "
July 1872	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	5	M	3.00 " "
	10	1	M	3.25 " "
Average	10	15	M	2.65½ " "
Jan. 1873	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.85 " "
	10	3	M	3.00 " "
	10	1	M	3.25 " "
Average	10	12	M	2.59 " "
July 1873	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	2	M	3.00 " "
	10	1	M	3.25 " "
Average	10	10	M	2.58½ " "
Jan. 1874	10	3	M	2.00 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	3	M	3.00 " "
Average	10	9	M	2.59½ " "
July 1874	10	3	M	$2.00 per day.
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	3	M	3.00 " "
Average	10	9	M	2.59½ " "
Jan. 1875	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	2	M	3.00 " "
Average	10	8	M	2.57½ " "
July 1875	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	1	M	3.00 " "
Average	10	8	M	2.51½ " "
Jan. 1876	10	3	M	2.00 " "
	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	2.85 " "
	10	1	M	3.00 " "
Average	10	10	M	2.51 " "
July 1876	10	3	M	2.00 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	1	M	3.00 " "
Average	10	9	M	2.48½ " "
Jan. 1877	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.85 " "
Average	10	8	M	2.45 " "
July 1877	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
Average	10	7	M	2.39½ " "
Jan. 1878	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	6	M	2.50 " "
	10	1	M	2.75 " "
Average	10	10	M	2.42½ " "
July 1878	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	4	M	2.18½ " "
Jan. 1879	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
Average	10	5	M	2.20 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1879	10	5	M	$2.00 per day.
	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	8	M	2.15½ " "
Jan. 1880	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
Average	10	6	M	2.29 " "
July 1880	10	5	M	2.00 " "
	10	1	M	2.50 " "
Average	10	6	M	2.08½ " "
Jan. 1881	10	4	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	9	M	2.25 " "
July 1881	10	2	M	2.00 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
Average	10	7	M	2.43 " "
Jan. 1882	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	3	M	2.50 " "
	10	3	M	2.75 " "
Average	10	11	M	2.41 " "
July 1882	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	7	M	2.50 " "
	10	3	M	2.75 " "
Average	10	13	M	2.48 " "
Jan. 1883	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	4	M	2.75 " "
Average	10	10	M	2.45 " "
July 1883	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	5	M	2.50 " "
	10	2	M	2.75 " "
Average	10	10	M	2.42½ " "
Jan. 1884	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	4	M	2.50 " "
	10	2	M	2.75 " "
Average	10	9	M	2.41½ " "
July 1884	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	5	M	2.50 " "
Average	10	8	M	2.37½ " "
Jan. 1885	10	3	M	$2.25 per day.
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	6	M	2.41½ " "
July 1885	10	1	M	2.00 " "
	10	7	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
Average	10	12	M	2.33½ " "
Jan. 1886	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	5	M	2.50 " "
	10	1	M	2.75 " "
Average	10	10	M	2.40 " "
July 1886	10	5	M	2.25 " "
	10	2	M	2.40 " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
Average	10	12	M	2.40 " "
Jan. 1887	10	1	M	2.25 " "
	10	2	M	2.40 " "
	10	5	M	2.50 " "
	10	1	M	2.75 " "
Average	10	9	M	2.48 " "
July 1887	10	3	M	2.00 " "
	10	2	M	2.25 " "
	10	6	M	2.50 " "
	10	2	M	2.75 " "
Average	10	13	M	2.38½ " "
Jan. 1888	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	5	M	2.50 " "
	10	1	M	2.87½ " "
Average	10	10	M	2.36½ " "
July 1888	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.87½ " "
Average	10	9	M	2.37½ " "
Jan. 1889	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.87½ " "
Average	10	7	M	2.41 " "
July 1889	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.87½ " "
Average	10	7	M	2.41 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MOULDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890	10	2	M	$2.00 per day.	Jan. 1891	10	2	M	$2.00 per day.
	10	3	M	2.25 " "		10	3	M	2.50 " "
	10	2	M	2.50 " "		10	1	M	2.62½ " "
	10	1	M	2.87½ " "		10	1	M	2.87½ " "
Average	10	8	M	2.33 " "	Average	10	7	M	2.43 " "
July 1890	10	2	M	2.00 " "	July 1891	10	2	M	2.00 " "
	10	3	M	2.25 " "		10	1	M	2.25 " "
	10	1	M	2.37½ " "		10	1	M	2.37½ " "
	10	4	M	2.50 " "		10	8	M	2.50 " "
	10	1	M	2.87½ " "		10	1	M	2.87½ " "
Average	10	11	M	2.36½ " "	Average	10	13	M	2.42½ " "

MOULDERS' HELPERS.

Jan. 1854	10	4	M	1.00 per day.	July 1862	10	1	M	1.12½ per day.
	10	3	M	1.25 " "		10	2	M	1.25 " "
						10	1	M	1.37½ " "
Average	10	7	M	1.10½ " "		10	3	M	1.50 " "
July 1854	10	2	M	1.00 " "	Average	10	7	M	1.35½ " "
	10	1	M	1.12½ " "					
	10	1	M	1.33⅓ " "	Jan. 1863	10	1	M	1.12½ " "
						10	2	M	1.25 " "
Average	10	4	M	1.11½ " "		10	2	M	1.37½ " "
						10	1	M	1.50 " "
July 1859	10	2	M	1.00 " "	Average	10	6	M	1.31½ " "
	10	2	M	1.12½ " "					
	10	3	M	1.25 " "	July 1863	10	1	M	1.00 " "
	10	1	M	1.37½ " "		10	2	M	1.25 " "
	10	4	M	1.50 " "		10	2	M	1.37½ " "
Average	10	12	M	1.28 " "	Average	10	5	M	1.25 " "
Jan. 1860	10	1	M	1.00 " "					
	10	1	M	1.12½ " "	Jan. 1864	10	1	M	1.12½ " "
	10	4	M	1.25 " "		10	6	M	1.25 " "
	10	1	M	1.37½ " "		10	2	M	1.37½ " "
						10	1	M	1.50 " "
Average	10	7	M	1.21½ " "		10	1	M	1.75 " "
July 1860	10	2	M	1.00 " "	Average	10	11	M	1.33 " "
	10	1	M	1.12½ " "					
	10	5	M	1.25 " "	July 1864	10	1	M	1.25 " "
	10	2	M	1.37½ " "		10	1	M	1.37½ " "
						10	5	M	1.75 " "
Average	10	10	M	1.21½ " "					
Jan. 1861	10	1	M	1.00 " "	Average	10	7	M	1.62½ " "
	10	2	M	1.12½ " "					
	10	4	M	1.25 " "	Jan. 1865	10	1	M	1.50 " "
	10	2	M	1.37½ " "		10	8	M	1.75 " "
Average	10	9	M	1.22 " "	Average	10	9	M	1.72 " "
July 1861	10	1	M	1.00 " "					
	10	2	M	1.12½ " "	July 1865	10	2	M	1.00 " "
	10	3	M	1.25 " "		10	1	M	1.50 " "
	10	1	M	1.37½ " "		10	4	M	1.75 " "
	10	1	M	1.50 " "					
Average	10	8	M	1.23½ " "	Average	10	7	M	1.50 " "
Jan. 1862	10	1	M	1.12½ " "	Jan. 1866	10	1	M	1.00 " "
	10	3	M	1.25 " "		10	2	M	1.16½ " "
	10	1	M	1.37½ " "		10	4	M	1.50 " "
	10	2	M	1.50 " "		10	3	M	1.75 " "
Average	10	7	M	1.32 " "	Average	10	10	M	1.46 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MOULDERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866	10	1	M	$1.00 per day.
	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	4	M	1.75 " "
Average	10	8	M	1.58 " "
Jan. 1867	10	1	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.62½ " "
July 1867	10	3	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	5	M	1.57½ " "
Jan. 1868	10	2	M	1.50 " "
July 1868	10	3	M	1.50 " "
Jan. 1869	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	3	M	1.58½ " "
July 1869	10	1	M	1.00 " "
	10	1	M	1.66⅔ " "
Average	10	2	M	1.33½ " "
Jan. 1870	10	1	M	1.00 " "
	10	1	M	1.66⅔ " "
Average	10	2	M	1.33½ " "
July 1870	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	2	M	1.58½ " "
Jan. 1871	10	1	M	1.00 " "
	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	3	M	1.39 " "
July 1871	10	1	M	1.00 " "
	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	3	M	1.39 " "
Jan. 1872	10	1	M	1.33⅓ " "
	10	1	M	1.66⅔ " "
	10	1	M	1.75 " "
Average	10	3	M	1.58½ " "
July 1872	10	1	M	1.66⅔ " "
Jan. 1873	10	1	M	1.66⅔ " "
July 1873	10	2	M	1.66½ " "
Jan. 1874	10	1	M	.96 " "
	10	1	M	1.33⅓ " "
	10	1	M	1.66⅔ " "
Average	10	3	M	1.32 " "
July 1874	10	1	M	1.33⅓ " "
	10	1	M	1.66⅔ " "
Average	10	2	M	1.50 " "
Jan. 1875	10	1	M	$1.50 per day.
	10	1	M	1.66⅔ " "
Average	10	2	M	1.58⅓ " "
July 1875	10	1	M	1.66⅔ " "
Jan. 1876	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	2	M	1.58½ " "
July 1876	10	1	M	1.66½ " "
Jan. 1877	10	1	M	.96 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	4	M	1.36½ " "
July 1877	10	1	M	.96 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
Average	10	4	M	1.49 " "
Jan. 1878	10	1	M	.96 " "
	10	1	M	1.25 " "
	10	3	M	1.50 " "
	10	2	M	1.75 " "
Average	10	7	M	1.46 " "
July 1878	10	1	M	1.10 " "
	10	3	M	1.35 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
Average	10	6	M	1.45 " "
Jan. 1879	10	1	M	1.00 " "
	10	2	M	1.35 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
Average	10	5	M	1.45 " "
July 1879	10	1	M	.96 " "
	10	1	M	1.00 " "
	10	5	M	1.25 " "
	10	1	M	1.35 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	1.80 " "
Average	10	12	M	1.36½ " "
Jan. 1880	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
Average	10	6	M	1.42½ " "
July 1880	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	4	M	1.37½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MOULDERS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881	10	2	M	$1.35 per day.	July 1886	10	1	M	$1.00 per day.
	10	5	M	1.50 " "		10	6	M	1.50 " "
	10	1	M	1.75 " "		10	1	M	1.75 " "
Average	10	8	M	1.49½ " "	Average	10	8	M	1.47 " "
July 1881	10	7	M	1.50 " "	Jan. 1887	10	1	M	.96 " "
	10	1	M	1.62½ " "		10	8	M	1.50 " "
						10	1	M	1.75 " "
Average	10	8	M	1.51½ " "	Average	10	10	M	1.47 " "
Jan. 1882	10	1	M	.96 " "	July 1887	10	1	M	.96 " "
	10	1	M	1.00 " "		10	9	M	1.50 " "
	10	1	M	1.25 " "		10	1	M	1.75 " "
	10	7	M	1.50 " "					
	10	1	M	1.66½ " "	Average	10	11	M	1.47½ " "
Average	10	11	M	1.40 " "	Jan. 1888	10	1	M	.96 " "
July 1882	10	1	M	.96 " "		10	1	M	1.08½ " "
	10	10	M	1.50 " "		10	1	M	1.25 " "
	10	1	M	1.66½ " "		10	8	M	1.50 " "
	10	3	M	1.75 " "					
Average	10	15	M	1.52½ " "	Average	10	11	M	1.39 " "
Jan. 1883	10	3	M	1.50 " "	July 1888	10	1	M	.96 " "
	10	1	M	1.75 " "		10	10	M	1.50 " "
Average	10	4	M	1.56½ " "	Average	10	11	M	1.45 " "
July 1883	10	1	M	1.08½ " "	Jan. 1889	10	1	M	1.08½ " "
	10	6	M	1.50 " "		10	6	M	1.50 " "
Average	10	7	M	1.44 " "	Average	10	7	M	1.44 " "
Jan. 1884	10	1	M	.96 " "	July 1889	10	1	M	.96 " "
	10	1	M	1.35 " "		10	1	M	1.08½ " "
	10	1	M	1.50 " "		10	5	M	1.50 " "
Average	10	3	M	1.27 " "	Average	10	7	M	1.36½ " "
July 1884	10	1	M	.96 " "	Jan. 1890	10	1	M	.96 " "
	10	4	M	1.50 " "		10	5	M	1.50 " "
	10	1	M	1.75 " "					
Average	10	6	M	1.45 " "	Average	10	6	M	1.41 " "
Jan. 1885	10	1	M	1.08½ " "	July 1890	10	1	M	1.08½ " "
	10	3	M	1.50 " "		10	10	M	1.50 " "
	10	1	M	1.75 " "					
Average	10	5	M	1.46½ " "	Average	10	11	M	1.46 " "
July 1885	10	1	M	1.08½ " "	Jan. 1891	10	1	M	1.08½ " "
	10	6	M	1.50 " "		10	1	M	1.25 " "
						10	4	M	1.50 " "
Average	10	7	M	1.44 " "	Average	10	6	M	1.39 " "
Jan. 1886	10	1	M	1.00 " "	July 1891	10	1	M	1.25 " "
	10	6	M	1.50 " "		10	10	M	1.50 " "
Average	10	7	M	1.43 " "	Average	10	11	M	1.47½ " "

PATTERNMAKERS.

July 1853	10	1	M	1.67 per day.	Jan. 1854	10	1	M	1.50 per day.
	10	2	M	1.87 " "		10	1	M	1.75 " "
						10	1	M	2.00 " "
Average	10	3	M	1.80⅓ " "	Average	10	3	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1854	10	1	M	$2.00 per day.
	10	1	M	2.25 " "
Average	10	2	M	2.12½ " "
Jan. 1855	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
July 1855	10	1	M	1.67 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.80½ " "
Jan. 1856	10	1	M	1.67 " "
July 1856	10	1	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.87 " "
Average	10	3	M	1.68 " "
Jan. 1857	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	2	M	1.75 " "
July 1857	10	1	M	2.00 " "
Jan. 1858	10	1	M	2.00 " "
July 1858	10	1	M	2.00 " "
Jan. 1859	10	1	M	2.00 " "
July 1859	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	2	M	1.75 " "
Jan. 1860	10	2	M	1.75 " "
July 1860	10	1	M	1.75 " "
Jan. 1861	10	2	M	1.50 " "
July 1861	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.83½ " "
Jan. 1862	10	2	M	1.75 " "
July 1862	10	1	M	1.75 " "
Jan. 1863	10	3	M	1.50 " "
	10	1	M	1.75 " "
Average	10	4	M	1.56½ " "
July 1863	10	2	M	1.75 " "
	10	1	M	1.87 " "
Average	10	3	M	1.79 " "
Jan. 1864	10	1	M	1.75 " "
	10	1	M	2.12½ " "
Average	10	2	M	1.93½ " "
July 1864	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	2	M	2.37½ " "
Jan. 1865	10	1	M	1.67 " "
	10	1	M	2.37½ " "
Jan. 1865-cone'd.	10	1	M	$2.62½ per day.
	10	1	M	3.00 " "
Average	10	4	M	2.41½ " "
July 1865	10	1	M	1.83½ " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	3	M	2.78 " "
Jan. 1866	10	1	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	3	M	3.00 " "
July 1866	10	1	M	1.67 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	4	M	2.66½ " "
Jan. 1867	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	2	M	3.25 " "
July 1867	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	2	M	3.25 " "
Jan. 1868	10	1	M	3.50 " "
July 1868	10	2	M	3.50 " "
Jan. 1869	10	1	M	3.50 " "
July 1869	10	1	M	3.50 " "
	10	1	M	3.75 " "
Average	10	2	M	3.62½ " "
Jan. 1870	10	1	M	2.50 " "
	10	1	M	3.50 " "
	10	1	M	3.75 " "
Average	10	3	M	3.25 " "
July 1870	10	1	M	3.25 " "
	10	1	M	3.50 " "
	10	1	M	3.75 " "
Average	10	3	M	3.50 " "
Jan. 1871	10	2	M	3.50 " "
	10	1	M	4.00 " "
Average	10	3	M	3.66½ " "
July 1871	10	2	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	5	M	3.35 " "
Jan. 1872	10	1	M	3.00 " "
	10	1	M	4.00 " "
Average	10	2	M	3.50 " "
July 1872	10	1	M	4.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1873	10	1	M	$3.00 per day.
	10	1	M	4.00 " "
Average	10	2	M	3.50 " "
July 1873	10	1	M	2.50 " "
	10	1	M	3.25 " "
	10	1	M	4.00 " "
Average	10	3	M	3.25 " "
Jan. 1874	10	1	M	3.25 " "
	10	1	M	4.00 " "
Average	10	2	M	3.62½ " "
July 1874	10	1	M	4.25 " "
Jan. 1875	10	1	M	4.25 " "
July 1875	10	1	M	2.00 " "
	10	1	M	4.25 " "
Average	10	2	M	3.12½ " "
Jan. 1876	10	1	M	2.00 " "
	10	1	M	4.25 " "
Average	10	2	M	3.12½ " "
July 1876	10	1	M	2.00 " "
	10	1	M	4.25 " "
Average	10	2	M	3.12½ " "
Jan. 1877	10	1	M	2.00 " "
	10	1	M	4.25 " "
Average	10	2	M	3.12½ " "
July 1877	10	1	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	4.25 " "
Average	10	3	M	3.25 " "
Jan. 1878	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	4.25 " "
Average	10	4	M	2.81½ " "
July 1878	10	2	M	2.50 " "
	10	1	M	3.75 " "
Average	10	3	M	2.91½ " "
Jan. 1879	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
July 1879	10	1	M	2.00 " "
	10	2	M	2.50 " "
Average	10	3	M	2.33⅓ " "
Jan. 1880	10	3	M	2.00 " "
	10	1	M	2.50 " "
Average	10	4	M	2.12½ " "
July 1880	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
Average	10	4	M	2.25 " "
Jan. 1881	10	1	M	$2.00 per day.
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	3	M	2.41½ " "
July 1881	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	2.75 " "
Average	10	4	M	2.56½ " "
Jan. 1882	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
Average	10	6	M	2.62½ " "
July 1882	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	4	M	2.62½ " "
Jan. 1883	10	1	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	3	M	2.66⅔ " "
July 1883	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	4	M	2.62½ " "
Jan. 1884	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	3	M	2.58⅓ " "
July 1884	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	4	M	2.56½ " "
Jan. 1885	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	2	M	2.37½ " "
July 1885	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	5	M	2.60 " "
Jan. 1886	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	4	M	2.50 " "
July 1886	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	2.75 " "
Average	10	4	M	2.56½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Concluded.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1887	10	1	M	$2.25 per day.	July 1889	10	1	M	$2.25 per day.
	10	1	M	2.50 " "		10	1	M	2.75 " "
	10	2	M	2.75 " "		10	1	M	3.00 " "
Average	10	4	M	2.56½ " "	Average	10	3	M	2.66⅔ " "
July 1887	10	1	M	2.25 " "	Jan. 1890	10	1	M	2.25 " "
	10	3	M	2.75 " "		10	1	M	2.75 " "
						10	1	M	3.00 " "
Average	10	4	M	2.62½ " "	Average	10	3	M	2.66⅔ " "
Jan. 1888	10	1	M	2.25 " "	July 1890	10	1	M	2.25 " "
	10	2	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	4	M	2.68½ " "	Average	10	3	M	2.66⅔ " "
July 1888	10	1	M	2.25 " "	Jan. 1891	10	1	M	2.25 " "
	10	2	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	4	M	2.68½ " "	Average	10	3	M	2.66⅔ " "
Jan. 1889	10	1	M	2.25 " "	July 1891	10	2	M	2.25 " "
	10	1	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	3	M	2.66⅔ " "	Average	10	4	M	2.56½ " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT.

BLACKSMITHS.

July 1853	10	1	M	1.16⅔ per day.	Jan. 1856	10	4	M	1.16⅔ per day.
	10	3	M	1.25 " "		10	2	M	1.50 " "
	10	1	M	1.33 " "		10	4	M	2.00 " "
	10	1	M	1.50 " "					
	10	1	M	1.66⅔ " "	Average	10	10	M	1.56½ " "
	10	2	M	2.00 " "					
	10	1	M	2.25 " "	July 1856	10	3	M	1.16⅔ " "
						10	1	M	1.50 " "
Average	10	10	M	1.56½ " "		10	3	M	2.00 " "
					Average	10	7	M	1.57 " "
Jan. 1854	10	1	M	1.16⅔ " "					
	10	2	M	1.25 " "	Jan. 1857	10	2	M	1.16⅔ " "
	10	1	M	1.33 " "		10	2	M	1.50 " "
	10	1	M	1.83 " "		10	3	M	2.00 " "
	10	3	M	2.00 " "					
	10	1	M	2.25 " "	Average	10	7	M	1.62 " "
Average	10	9	M	1.67½ " "	July 1857	10	3	M	1.16⅔ " "
						10	2	M	2.00 " "
July 1854	10	1	M	1.25 " "		10	1	M	2.25 " "
	10	1	M	1.42 " "		10	1	M	2.42 " "
	10	2	M	1.50 " "					
	10	1	M	2.00 " "	Average	10	7	M	1.74 " "
	10	3	M	2.25 " "					
					Jan. 1858	10	1	M	1.25 " "
Average	10	8	M	1.80½ " "		10	1	M	1.75 " "
						10	2	M	2.00 " "
Jan. 1855	10	2	M	1.75 " "					
					Average	10	4	M	1.75 " "
July 1855	10	1	M	1.50 " "					
	10	2	M	1.75 " "	July 1858	10	1	M	1.25 " "
						10	2	M	2.00 " "
Average	10	3	M	1.66⅔ " "	Average	10	3	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BLACKSMITHS—Concluded.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1859	10	1	M	$1.25 per day.	Jan. 1866	10	1	M	$2.00 per day.
	10	1	M	1.75 " "		10	2	M	2.25 " "
	10	1	M	1.87 " "		10	2	M	2.75 " "
	10	2	M	2.00 " "		10	1	M	3.00 " "
	10	1	M	2.50 " "	Average	10	6	M	2.50 " "
Average	10	6	M	1.89½ " "	July 1866	10	1	M	2.00 " "
Jan. 1862	10	1	M	1.12½ " "		10	1	M	2.25 " "
	10	1	M	1.33½ " "		10	2	M	2.50 " "
	10	1	M	1.35 " "		10	2	M	3.25 " "
	10	1	M	1.50 " "		10	1	M	3.50 " "
	10	2	M	2.00 " "	Average	10	7	M	2.75 " "
	10	1	M	2.25 " "	Jan. 1867	10	1	M	2.25 " "
	10	1	M	2.50 " "		10	2	M	2.50 " "
Average	10	8	M	1.75½ " "		10	1	M	3.25 " "
July 1862	10	1	M	1.12½ " "		10	1	M	3.50 " "
	10	2	M	1.50 " "	Average	10	5	M	2.80 " "
	10	1	M	2.00 " "	July 1867	10	2	M	2.25 " "
	10	1	M	2.25 " "		10	3	M	2.50 " "
	10	1	M	2.50 " "		10	1	M	2.75 " "
Average	10	6	M	1.81½ " "		10	1	M	3.25 " "
Jan. 1863	10	1	M	1.20 " "		10	1	M	3.50 " "
	10	3	M	1.50 " "	Average	10	8	M	2.68⅜ " "
	10	1	M	1.60 " "	Jan. 1868	10	2	M	2.50 " "
	10	1	M	1.67 " "		10	1	M	3.50 " "
	10	1	M	2.17 " "	Average	10	3	M	2.83½ " "
	10	2	M	2.25 " "	July 1868	10	1	M	2.50 " "
	10	1	M	2.50 " "		10	2	M	2.75 " "
Average	10	10	M	1.81½ " "		10	1	M	3.50 " "
July 1863	10	1	M	1.50 " "	Average	10	4	M	2.87½ " "
	10	1	M	1.70 " "	Jan. 1869	10	1	M	2.50 " "
	10	1	M	1.75 " "		10	1	M	2.75 " "
	10	1	M	2.00 " "		10	1	M	3.50 " "
	10	3	M	2.25 " "	Average	10	3	M	2.91½ " "
	10	1	M	2.75 " "	July 1869	10	1	M	2.50 " "
Average	10	8	M	2.05½ " "		10	1	M	2.75 " "
Jan. 1864	10	1	M	1.60 " "		10	1	M	3.00 " "
	10	1	M	1.75 " "		10	1	M	3.50 " "
	10	1	M	2.00 " "	Average	10	4	M	2.93½ " "
	10	1	M	2.25 " "	Jan. 1870	10	1	M	2.00 " "
	10	2	M	2.50 " "		10	1	M	2.50 " "
	10	1	M	3.00 " "		10	1	M	3.50 " "
Average	10	7	M	2.23 " "	Average	10	3	M	2.66⅔ " "
July 1864	10	1	M	1.75 " "	July 1870	10	1	M	2.50 " "
	10	3	M	2.25 " "		10	2	M	3.00 " "
	10	1	M	2.75 " "		10	1	M	3.50 " "
	10	1	M	3.00 " "	Average	10	4	M	3.00 " "
	10	1	M	3.25 " "	Jan. 1871	10	1	M	2.50 " "
Average	10	7	M	2.50 " "		10	1	M	3.00 " "
Jan. 1865	10	1	M	2.00 " "		10	1	M	3.50 " "
	10	2	M	2.25 " "	Average	10	3	M	3.00 " "
	10	1	M	2.75 " "	July 1871	10	1	M	2.50 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
	10	1	M	3.25 " "		10	1	M	3.50 " "
Average	10	6	M	2.58½ " "					
July 1865	10	1	M	2.00 " "					
	10	2	M	2.25 " "					
	10	1	M	2.75 " "					
	10	1	M	3.00 " "					
	10	1	M	3.25 " "					
Average	10	6	M	2.58½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BLACKSMITHS' HELPERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1853	10	2	M	$1.00 per day.	Jan. 1864–conc'd.	10	8	M	$1.35 per day.
	10	5	M	1.12 " "		10	1	M	1.50 " "
	10	2	M	1.16½ " "	Average	10	15	M	1.31½ " "
Average	10	9	M	1.10½ " "	July 1864	10	1	M	1.25 " "
Jan. 1854	10	6	M	1.12 " "		10	1	M	1.35 " "
						10	1	M	1.45 " "
July 1854	10	5	M	1.12 " "		10	10	M	1.50 " "
	10	5	M	1.16½ " "	Average	10	13	M	1.46½ " "
Average	10	10	M	1.14⅓ " "	Jan. 1865	10	2	M	1.40 " "
						10	9	M	1.50 " "
Jan. 1855	10	3	M	1.00 " "	Average	10	11	M	1.48 " "
July 1855	10	6	M	1.00 " "					
Jan. 1856	10	4	M	1.16½ " "	July 1865	10	5	M	1.40 " "
July 1856	10	2	M	1.16½ " "		10	8	M	1.50 " "
Jan. 1857	10	2	M	1.16½ " "	Average	10	13	M	1.46 " "
July 1857	10	2	M	1.16½ " "					
Jan. 1858	10	4	M	1.00 " "	Jan. 1866	10	3	M	1.40 " "
July 1858	10	4	M	1.00 " "		10	7	M	1.50 " "
Jan. 1859	10	10	M	1.00 " "	Average	10	19	M	1.47 " "
Jan. 1862	10	1	M	1.00 " "	July 1866	10	13	M	1.50 " "
	10	7	M	1.10 " "		10	1	M	1.60 " "
	10	1	M	1.12½ " "	Average	10	14	M	1.50½ " "
Average	10	9	M	1.09 " "					
July 1862	10	5	M	1.10 " "	Jan. 1867	10	6	M	1.50 " "
	10	1	M	1.12½ " "		10	1	M	1.60 " "
Average	10	6	M	1.10½ " "	Average	10	7	M	1.51½ " "
Jan. 1863	10	6	M	1.10 " "	July 1867	10	2	M	1.50 " "
	10	3	M	1.15 " "		10	9	M	1.60 " "
	10	2	M	1.20 " "	Average	10	11	M	1.58 " "
Average	10	11	M	1.13 " "					
July 1863	10	2	M	1.15 " "	Jan. 1868	10	3	M	1.60 " "
	10	2	M	1.20 " "	July 1868	10	5	M	1.60 " "
	10	13	M	1.25 " "	Jan. 1869	10	2	M	1.60 " "
	10	1	M	1.30 " "		10	2	M	1.70 " "
	10	1	M	1.35 " "	Average	10	4	M	1.65 " "
	10	1	M	1.42 " "					
Average	10	20	M	1.25 " "	July 1869	10	5	M	1.75 " "
					Jan. 1870	10	4	M	1.75 " "
Jan. 1864	10	2	M	1.20 " "	July 1870	10	4	M	1.75 " "
	10	3	M	1.25 " "	Jan. 1871	10	4	M	1.75 " "
	10	1	M	1.30 " "	July 1871	10	5	M	1.75 " "

BOILERMAKERS.

July 1853	10	7	M	1.00 per day.	Jan. 1854	10	7	M	1.00 per day.
	10	1	M	1.10 " "		10	1	M	1.10 " "
	10	1	M	1.12 " "		10	1	M	1.12 " "
	10	1	M	1.15 " "		10	1	M	1.15 " "
	10	1	M	1.25 " "		10	1	M	1.25 " "
	10	1	M	1.40 " "		10	1	M	1.40 " "
	10	2	M	1.50 " "		10	3	M	1.50 " "
	10	1	M	1.66½ " "		10	1	M	1.66½ " "
	10	1	M	1.68 " "		10	1	M	1.68 " "
	10	4	M	1.75 " "		10	3	M	1.75 " "
	10	1	M	1.83 " "		10	1	M	1.83 " "
	10	2	M	2.00 " "		10	2	M	2.00 " "
	10	2	M	2.25 " "		10	1	M	2 25 " "
Average	10	25	M	1.47 " "	Average	10	24	M	1.42½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1854	10	3	M	$1.00 per day.
	10	2	M	1.05 " "
	10	4	M	1.10 " "
	10	1	M	1.12½ " "
	10	2	M	1.15 " "
	10	1	M	1.25 " "
	10	2	M	1.35 " "
	10	3	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.62 " "
	10	3	M	1.75 " "
	10	2	M	1.85 " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
Average	10	30	M	1.47 " "
Jan. 1855	10	3	M	1.10 " "
	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.60 " "
	10	1	M	2.25 " "
Average	10	9	M	1.39½ " "
July 1855	10	1	M	1.10 " "
	10	4	M	1.15 " "
	10	1	M	1.25 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
	10	3	M	1.75 " "
	10	1	M	2.25 " "
Average	10	15	M	1.48 " "
Jan. 1856	10	2	M	1.20 " "
	10	4	M	1.25 " "
	10	1	M	1.40 " "
	10	4	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.70 " "
	10	3	M	1.75 " "
	10	1	M	2.37 " "
Average	10	19	M	1.52½ " "
July 1856	10	1	M	1.20 " "
	10	1	M	1.25 " "
	10	2	M	1.40 " "
	10	4	M	1.50 " "
	10	2	M	1.60 " "
	10	2	M	1.70 " "
	10	2	M	1.75 " "
	10	1	M	1.85 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	17	M	1.63 " "
Jan. 1857	10	1	M	1.20 " "
	10	2	M	1.25 " "
	10	1	M	1.40 " "
	10	3	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.65 " "
	10	3	M	1.70 " "
	10	4	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.85 " "
Jan. 1857–conc'd.	10	1	M	$2.00 per day.
	10	1	M	2.50 " "
Average	10	20	M	1.65½ " "
July 1857	10	1	M	1.25 " "
	10	6	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.70 " "
	10	7	M	1.75 " "
	10	1	M	1.80 " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	23	M	1.74 " "
Jan. 1858	10	1	M	1.25 " "
	10	4	M	1.40 " "
	10	6	M	1.50 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.37 " "
Average	10	14	M	1.60½ " "
July 1858	10	1	M	1.25 " "
	10	3	M	1.40 " "
	10	5	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	11	M	1.52 " "
Jan. 1859	10	1	M	1.25 " "
	10	2	M	1.40 " "
	10	5	M	1.50 " "
	10	1	M	1.55 " "
	10	2	M	2.00 " "
Average	10	11	M	1.55½ " "
Jan. 1862	10	2	M	1.25 " "
	10	1	M	1.35 " "
	10	8	M	1.50 " "
	10	2	M	1.60 " "
	10	3	M	1.75 " "
	10	1	M	1.85 " "
	10	2	M	2.00 " "
	10	2	M	2.50 " "
Average	10	21	M	1.67½ " "
July 1862	10	1	M	1.25 " "
	10	2	M	1.35 " "
	10	8	M	1.50 " "
	10	2	M	1.60 " "
	10	3	M	1.75 " "
	10	1	M	1.85 " "
	10	2	M	2.50 " "
Average	10	19	M	1.64½ " "
Jan. 1863	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.65 " "
	10	6	M	1.75 " "
	10	1	M	1.85 " "
	10	3	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	2.65 " "
Average	10	15	M	1.88½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1863	10	3	M	$1.40 per day.
	10	2	M	1.50 " "
	10	1	M	1.70 " "
	10	2	M	1.75 " "
	10	1	M	1.85 " "
	10	8	M	2.00 " "
	10	2	M	2.15 " "
	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	3.00 " "
Average	10	26	M	2.01 " "
Jan. 1864	10	2	M	1.40 " "
	10	8	M	1.50 " "
	10	2	M	1.60 " "
	10	4	M	1.75 " "
	10	4	M	2.00 " "
	10	1	M	2.15 " "
	10	3	M	2.25 " "
	10	2	M	2.35 " "
	10	10	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
	10	2	M	3.50 " "
Average	10	42	M	2.14 " "
July 1864	10	7	M	1.75 " "
	10	5	M	2.00 " "
	10	6	M	2.25 " "
	10	1	M	2.35 " "
	10	3	M	2.50 " "
	10	1	M	2.65 " "
	10	13	M	2.75 " "
	10	6	M	3.00 " "
	10	3	M	3.25 " "
	10	1	M	3.50 " "
	10	1	M	3.75 " "
Average	10	47	M	2.53 " "
Jan. 1865	10	10	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	5	M	2.50 " "
	10	6	M	2.75 " "
	10	4	M	2.85 " "
	10	6	M	3.00 " "
	10	4	M	3.15 " "
	10	1	M	3.40 " "
	10	2	M	3.50 " "
	10	1	M	3.75 " "
	10	1	M	4.00 " "
Average	10	45	M	2.68 " "
July 1865	10	9	M	2.00 " "
	10	1	M	2.15 " "
	10	3	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	7	M	2.50 " "
	10	4	M	2.75 " "
	10	4	M	2.85 " "
	10	8	M	3.00 " "
	10	4	M	3.15 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	45	M	2.61 " "
Jan. 1866	10	5	M	$2.00 per day.
	10	1	M	2.15 " "
	10	2	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	2.85 " "
	10	3	M	3.00 " "
	10	4	M	3.15 " "
	10	2	M	3.25 " "
	10	1	M	4.00 " "
Average	10	26	M	2.69½ " "
July 1866	10	3	M	2.00 " "
	10	6	M	2.25 " "
	10	5	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	2.85 " "
	10	6	M	3.00 " "
	10	3	M	3.15 " "
	10	2	M	3.25 " "
	10	1	M	3.40 " "
	10	1	M	3.75 " "
	10	1	M	4.50 " "
Average	10	33	M	2.77½ " "
Jan. 1867	10	3	M	2.00 " "
	10	6	M	2.25 " "
	10	6	M	2.50 " "
	10	6	M	2.75 " "
	10	2	M	2.85 " "
	10	8	M	3.00 " "
	10	1	M	3.15 " "
	10	2	M	3.25 " "
	10	1	M	3.40 " "
	10	1	M	3.75 " "
	10	1	M	5.00 " "
Average	10	37	M	2.77 " "
July 1867	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.40 " "
	10	5	M	2.50 " "
	10	4	M	2.75 " "
	10	2	M	2.85 " "
	10	7	M	3.00 " "
	10	1	M	3.15 " "
	10	2	M	3.25 " "
	10	1	M	3.50 " "
	10	1	M	3.75 " "
	10	1	M	5.00 " "
Average	10	31	M	2.83 " "
Jan. 1868	10	3	M	2.00 " "
	10	3	M	2.25 " "
	10	6	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
	10	2	M	3.25 " "
	10	1	M	5.00 " "
Average	10	19	M	2.66 " "
July 1868	10	2	M	2.00 " "
	10	4	M	2.25 " "
	10	4	M	2.50 " "
	10	5	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	4.00 " "
Average	10	18	M	2.59½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	10	1	M	$2.00 per day.
	10	5	M	2.25 " "
	10	4	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	5.00 " "
Average	10	16	M	2.70½ " "
July 1869	10	3	M	2.25 " "
	10	6	M	2.50 " "
	10	5	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
Average	10	17	M	2.64½ " "
Jan. 1870	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
Average	10	6	M	2.75 " "
July 1870	10	1	M	1.87½ " "
	10	3	M	2.25 " "
	10	11	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
Average	10	19	M	2.54½ " "
Jan. 1871	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	8	M	2.47 " "
July 1871	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	3	M	2.66½ " "
Jan. 1872	10	2	M	1.75 " "
	10	1	M	1.85 " "
	10	3	M	2.25 " "
	10	7	M	2.50 " "
	10	1	M	3.25 " "
	10	2	M	3.50 " "
Average	10	16	M	2.49 " "
July 1872	10	6	M	2.00 " "
	10	1	M	2.20 " "
	10	4	M	2.25 " "
	10	5	M	2.50 " "
	10	8	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	2	M	3.50 " "
	10	1	M	4.50 " "
Average	10	29	M	2.60 " "
Jan. 1873	10	2	M	2.00 " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Jan. 1873–cone'd.	10	1	M	$3.50 per day.
	10	1	M	4.50 " "
Average	10	15	M	2.73 " "
July 1873	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
Average	10	13	M	2.53½ " "
Jan. 1874	10	1	M	1.75 " "
	10	3	M	2.00 " "
	10	1	M	2.50 " "
	10	4	M	2.65 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	12	M	2.48½ " "
July 1874	10	9	M	2.00 " "
	10	5	M	2.25 " "
	10	2	M	2.50 " "
	10	3	M	2.65 " "
	10	18	M	2.75 " "
	10	2	M	3.00 " "
	10	2	M	3.50 " "
Average	10	41	M	2.55½ " "
Jan. 1875	10	2	M	2.00 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
Average	10	8	M	2.56½ " "
July 1875	10	2	M	2.00 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	7	M	2.46½ " "
Jan. 1876	10	2	M	2.00 " "
	10	2	M	2.50 " "
	10	2	M	2.65 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	8	M	2.50½ " "
July 1876	10	1	M	1.75 " "
	10	1	M	1.85 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
Average	10	10	M	2.28½ " "
Jan. 1877	10	1	M	1.75 " "
	10	3	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
Average	10	10	M	2.14½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1877	10	1	M	$1.75 per day.
	10	2	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	7	M	2.18½ " "
Jan. 1878	10	1	M	1.75 " "
	10	2	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	6	M	2.25 " "
July 1878	10	2	M	1.50 " "
	10	2	M	2.00 " "
Average	10	4	M	1.75 " "
Jan. 1879	10	2	M	1.50 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	5	M	1.85 " "
July 1879	10	3	M	1.50 " "
	10	1	M	1.75 " "
	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.35 " "
Average	10	10	M	1.93½ " "
Jan. 1880	10	2	M	1.50 " "
	10	3	M	1.75 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	9	M	1.97 " "
July 1880	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
Average	10	9	M	2.03 " "
Jan. 1881	10	2	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	6	M	2.04 " "
July 1881	10	1	M	1.75 " "
	10	3	M	2.00 " "
	10	4	M	2.25 " "
	10	7	M	2.50 " "
	10	1	M	2.65 " "
	10	1	M	3.00 " "
Average	10	17	M	2.34½ " "
Jan. 1882	10	1	M	1.75 " "
	10	2	M	2.00 " "
	10	4	M	2.25 " "
	10	4	M	2.50 " "
	10	2	M	2.65 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	16	M	2.41 " "
July 1882	10	1	M	$1.75 per day.
	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.50 " "
Average	10	12	M	2.43 " "
Jan. 1883	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.65 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	13	M	2.47½ " "
July 1883	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	2.65 " "
	10	2	M	2.75 " "
	10	1	M	2.80 " "
	10	1	M	3.00 " "
Average	10	12	M	2.53 " "
Jan. 1884	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	2.65 " "
	10	1	M	2.75 " "
	10	1	M	2.80 " "
	10	1	M	3.00 " "
Average	10	11	M	2.51 " "
July 1884	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.40 " "
	10	2	M	2.50 " "
	10	1	M	2.65 " "
	10	1	M	2.75 " "
	10	1	M	2.80 " "
	10	1	M	3.00 " "
Average	10	9	M	2.54 " "
Jan. 1885	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.65 " "
	10	1	M	2.75 " "
	10	1	M	2.80 " "
	10	1	M	3.00 " "
Average	10	8	M	2.54½ " "
July 1885	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.80 " "
Average	10	6	M	2.45 " "
Jan. 1886	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.40 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886–conc'd.	10	1	M	$2.50 per day.	Jan. 1889	10	1	M	$2.00 per day.
	10	1	M	2.75 " "		10	2	M	2.50 " "
	10	1	M	2.80 " "		10	1	M	2.75 " "
						10	1	M	2.85 " "
Average	10	6	M	2.45 " "	Average	10	5	M	2.52 " "
July 1886	10	1	M	2.00 " "					
	10	3	M	2.25 " "					
	10	1	M	2.40 " "	July 1889	10	2	M	2.00 " "
	10	1	M	2.50 " "		10	2	M	2.50 " "
	10	2	M	2.75 " "		10	1	M	2.60 " "
	10	2	M	3.00 " "		10	1	M	2.75 " "
						10	1	M	3.00 " "
Average	10	10	M	2.51½ " "	Average	10	7	M	2.48 " "
Jan. 1887	10	1	M	2.00 " "					
	10	1	M	2.25 " "	Jan. 1890	10	2	M	2.00 " "
	10	1	M	2.40 " "		10	1	M	2.35 " "
	10	2	M	2.75 " "		10	3	M	2.50 " "
						10	4	M	2.75 " "
Average	10	5	M	2.43 " "		10	1	M	3.00 " "
July 1887	10	2	M	2.00 " "	Average	10	11	M	2.53 " "
	10	1	M	2.25 " "					
	10	1	M	2.40 " "	July 1890	10	3	M	2.00 " "
	10	1	M	2.50 " "		10	1	M	2.75 " "
	10	2	M	2.75 " "		10	1	M	3.00 " "
	10	1	M	2.85 " "					
Average	10	8	M	2.43½ " "	Average	10	5	M	2.35 " "
Jan. 1888	10	1	M	2.00 " "	Jan. 1891	10	1	M	2.00 " "
	10	1	M	2.25 " "		10	1	M	2.25 " "
	10	1	M	2.40 " "		10	1	M	2.75 " "
	10	1	M	2.75 " "		10	1	M	2.85 " "
	10	1	M	2.85 " "		10	1	M	3.00 " "
Average	10	5	M	2.45 " "	Average	10	5	M	2.57 " "
July 1888	10	1	M	2.00 " "					
	10	1	M	2.25 " "	July 1891	10	4	M	2.65 " "
	10	1	M	2.50 " "		10	2	M	2.75 " "
	10	1	M	2.75 " "		10	1	M	2.85 " "
	10	1	M	2.85 " "		10	1	M	3.00 " "
Average	10	5	M	2.47 " "	Average	10	8	M	2.74½ " "

BOILERMAKERS' HELPERS.

July 1853	10	6	M	1.00 per day.	July 1856	10	5	M	1.00 per day.
Jan. 1854	10	6	M	1.00 " "		10	1	M	1.10 " "
July 1854	10	13	M	1.00 " "		10	2	M	1.15 " "
						10	4	M	1.20 " "
Jan. 1855	10	2	M	1.00 " "					
	10	2	M	1.05 " "	Average	10	12	M	1.10 " "
	10	1	M	1.10 " "					
					Jan. 1857	10	13	M	1.00 " "
Average	10	5	M	1.04 " "		10	1	M	1.10 " "
						10	5	M	1.20 " "
July 1855	10	3	M	1.00 " "					
	10	1	M	1.05 " "	Average	10	19	M	1.06 " "
	10	2	M	1.10 " "					
					July 1857	10	11	M	1.00 " "
Average	10	6	M	1.04 " "		10	1	M	1.05 " "
						10	1	M	1.15 " "
Jan. 1856	10	7	M	1.00 " "		10	2	M	1.20 " "
	10	3	M	1.10 " "		10	4	M	1.25 " "
	10	2	M	1.15 " "					
Average	10	12	M	1.05 " "	Average	10	19	M	1.08½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1858	10	13	M	$1.00 per day.
	10	1	M	1.25 " "
Average	10	14	M	1.02 " "
July 1858	10	13	M	1.00 " "
	10	1	M	1.15 " "
Average	10	14	M	1.01 " "
Jan. 1859	10	11	M	1.00 " "
	10	1	M	1.05 " "
Average	10	12	M	1.00½ " "
Jan. 1862	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	4	M	1.20 " "
Average	10	6	M	1.15 " "
July 1862	10	1	M	1.00 " "
	10	4	M	1.20 " "
Average	10	5	M	1.16 " "
Jan. 1863	10	2	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.20 " "
	10	4	M	1.25 " "
	10	1	M	1.30 " "
Average	10	10	M	1.17½ " "
July 1863	10	1	M	1.10 " "
	10	2	M	1.15 " "
	10	8	M	1.20 " "
	10	15	M	1.25 " "
	10	2	M	1.30 " "
	10	4	M	1.35 " "
	10	7	M	1.40 " "
Average	10	39	M	1.27 " "
Jan. 1864	10	8	M	1.00 " "
	10	34	M	1.25 " "
	10	4	M	1.40 " "
Average	10	46	M	1.22 " "
July 1864	10	7	M	1.00 " "
	10	3	M	1.10 " "
	10	1	M	1.15 " "
	10	3	M	1.25 " "
	10	3	M	1.35 " "
	10	13	M	1.40 " "
	10	18	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.65 " "
	10	10	M	1.75 " "
Average	10	60	M	1.42 " "
Jan. 1865	10	9	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.20 " "
	10	5	M	1.25 " "
	10	8	M	1.40 " "
	10	19	M	1.50 " "
	10	2	M	1.60 " "
	10	4	M	1.75 " "
	10	7	M	1.85 " "
	10	2	M	2.00 " "
Average	10	59	M	1.45 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1865	10	7	M	$1.00 per day.
	10	1	M	1.20 " "
	10	4	M	1.25 " "
	10	5	M	1.40 " "
	10	16	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.70 " "
	10	4	M	1.75 " "
	10	6	M	1.85 " "
	10	1	M	2.00 " "
Average	10	48	M	1.47½ " "
Jan. 1866	10	6	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.40 " "
	10	5	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.65 " "
	10	2	M	1.75 " "
	10	5	M	1.85 " "
	10	2	M	2.00 " "
Average	10	24	M	1.50½ " "
July 1866	10	5	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.15 " "
	10	5	M	1.25 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	7	M	1.60 " "
	10	1	M	1.70 " "
	10	2	M	1.75 " "
	10	6	M	1.85 " "
	10	1	M	2.00 " "
Average	10	32	M	1.48 " "
Jan. 1867	10	3	M	1.00 " "
	10	2	M	1.10 " "
	10	1	M	1.15 " "
	10	3	M	1.25 " "
	10	8	M	1.50 " "
	10	4	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.75 " "
	10	5	M	1.85 " "
	10	2	M	2.00 " "
Average	10	30	M	1.50½ " "
July 1867	10	2	M	1.00 " "
	10	2	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.25 " "
	10	1	M	1.35 " "
	10	4	M	1.50 " "
	10	3	M	1.60 " "
	10	5	M	1.85 " "
	10	2	M	2.00 " "
Average	10	21	M	1.52½ " "
Jan. 1868	10	2	M	1.00 " "
	10	1	M	1.20 " "
	10	2	M	1.75 " "
Average	10	5	M	1.34 " "
July 1868	10	2	M	1.00 " "
	10	1	M	1.20 " "
	10	3	M	1.50 " "
	10	4	M	1.75 " "
Average	10	10	M	1.47 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	10	1	M	$1.15 per day.
	10	2	M	1.25 " "
	10	4	M	1.50 " "
	10	3	M	1.60 " "
	10	3	M	1.75 " "
Average	10	13	M	1.51½ " "
July 1869	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	10	M	1.75 " "
	10	2	M	1.85 " "
Average	10	15	M	1.66½ " "
Jan. 1870	10	3	M	1.75 " "
July 1870	10	1	M	1.25 " "
	10	11	M	1.75 " "
	10	2	M	1.87½ " "
Average	10	14	M	1.73 " "
Jan. 1871	10	1	M	1.00 " "
	10	2	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	4	M	1.50½ " "
Jan. 1872	10	1	M	1.50 " "
	10	7	M	1.75 " "
Average	10	8	M	1.72 " "
July 1872	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	2	M	1.50 " "
	10	5	M	1.75 " "
	10	1	M	1.87 " "
Average	10	11	M	1.55½ " "
Jan. 1873	10	1	M	1.00 " "
	10	3	M	1.50 " "
	10	1	M	1.75 " "
Average	10	5	M	1.45 " "
July 1873	10	1	M	1.00 " "
	10	1	M	1.50 " "
	10	3	M	1.75 " "
Average	10	5	M	1.55 " "
Jan. 1874	10	7	M	1.75 " "
July 1874	10	1	M	1.00 " "
	10	2	M	1.50 " "
	10	3	M	1.65 " "
	10	6	M	1.75 " "
	10	1	M	1.85 " "
Average	10	13	M	1.64 " "
Jan. 1876	10	1	M	1.00 " "
	10	1	M	1.65 " "
Average	10	2	M	1.32½ " "
July 1876	10	1	M	1.50 " "
	10	2	M	1.75 " "
Average	10	3	M	1.66⅔ " "
Jan. 1877	10	3	M	$1.25 per day.
	10	1	M	1.50 " "
Average	10	4	M	1.31½ " "
July 1877	10	1	M	1.25 " "
Jan. 1878	10	2	M	1.50 " "
July 1878	10	1	M	1.10 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.28½ " "
Jan. 1879	10	2	M	1.25 " "
July 1879	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	2	M	1.25 " "
Average	10	4	M	1.15 " "
Jan. 1880	10	1	M	1.00 " "
	10	3	M	1.25 " "
Average	10	4	M	1.18½ " "
July 1880	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
Jan. 1881	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	7	M	1.50 " "
	10	1	M	1.75 " "
Average	10	10	M	1.45 " "
July 1881	10	4	M	1.00 " "
	10	2	M	1.15 " "
	10	1	M	1.25 " "
	10	1	M	1.35 " "
	10	4	M	1.40 " "
	10	16	M	1.50 " "
	10	3	M	1.65 " "
	10	2	M	1.75 " "
Average	10	33	M	1.42½ " "
Jan. 1882	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	8	M	1.50 " "
	10	2	M	1.65 " "
	10	1	M	1.75 " "
Average	10	13	M	1.47½ " "
July 1882	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	10	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.75 " "
Average	10	15	M	1.47½ " "
Jan. 1883	10	2	M	1.00 " "
	10	1	M	1.15 " "
	10	5	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.75 " "
Average	10	11	M	1.42 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	2	M	$1 00 per day.
	10	1	M	1.15 " "
	10	5	M	1.50 " "
	10	3	M	1.60 " "
	10	3	M	1.75 " "
Average	10	14	M	1.48 " "
Jan. 1884	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	5	M	1.50 " "
	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	11	M	1.47½ " "
July 1884	10	2	M	1.00 " "
	10	1	M	1.15 " "
	10	1	M	1.25 " "
	10	3	M	1.50 " "
	10	2	M	1.60 " "
Average	10	9	M	1.34½ " "
Jan. 1885	10	1	M	1.15 " "
	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
Average	10	5	M	1.40 " "
July 1885	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
Average	10	4	M	1.33½ " "
Jan. 1886	10	1	M	1.00 " "
	10	1	M	1.60 " "
Average	10	2	M	1.30 " "
July 1886	10	1	M	1.15 " "
	10	1	M	1.25 " "
	10	1	M	1.60 " "
	10	1	M	1.65 " "
Average	10	4	M	1.41½ " "
Jan. 1887	10	1	M	1.15 " "
	10	1	M	1.25 " "
	10	1	M	1.60 " "
Average	10	3	M	1.33½ " "
July 1887	10	2	M	1.00 " "
	10	1	M	1.25 " "
	10	10	M	1.50 " "
July 1887—cont'd.	10	6	M	$1.60 per day.
	10	3	M	1.75 " "
Average	10	22	M	1.50½ " "
Jan. 1888	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
Average	10	4	M	1.33½ " "
July 1888	10	3	M	1.25 " "
	10	3	M	1.50 " "
	10	1	M	1.60 " "
Average	10	7	M	1.40½ " "
Jan. 1889	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	3	M	1.60 " "
	10	1	M	1.65 " "
Average	10	7	M	1.53 " "
July 1889	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.70 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	7	M	1.65 " "
Jan. 1890	10	1	M	1.25 " "
	10	4	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
Average	10	8	M	1.52 " "
July 1890	10	2	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	7	M	1.45½ " "
Jan. 1891	10	1	M	1.25 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	4	M	1.68½ " "
July 1891	10	1	M	1.25 " "
	10	2	M	1.60 " "
	10	3	M	1.75 " "
	10	1	M	1.85 " "
	10	1	M	2.00 " "
Average	10	8	M	1.69½ " "

MACHINISTS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1853	10	2	M	1.25 per day.
	10	1	M	1.31 " "
	10	4	M	1.33 " "
	10	1	M	1.35 " "
	10	1	M	1.37 " "
	10	10	M	1.50 " "
July 1853—cont'd.	10	1	M	1.58 per day.
	10	1	M	1.58½ " "
	10	1	M	1.59 " "
	10	1	M	1.62 " "
	10	15	M	1.66½ " "
	10	2	M	1.67 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1853–conc'd.	10	7	M	$1.75 per day.
	10	3	M	1.83 " "
	10	1	M	1.85 " "
	10	1	M	1.87 " "
	10	12	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.66½ " "
Average	10	68	M	1.71½ " "
Jan. 1854	10	4	M	1.25 " "
	10	1	M	1.31 " "
	10	2	M	1.33 " "
	10	7	M	1.50 " "
	10	1	M	1.65 " "
	10	12	M	1.66½ " "
	10	2	M	1.67 " "
	10	9	M	1.75 " "
	10	2	M	1.83 " "
	10	14	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.66½ " "
Average	10	58	M	1.75 " "
July 1854	10	1	M	1.33 " "
	10	3	M	1.50 " "
	10	3	M	1.58 " "
	10	1	M	1.65 " "
	10	5	M	1.66½ " "
	10	2	M	1.67 " "
	10	1	M	1.68 " "
	10	11	M	1.75 " "
	10	6	M	1.83 " "
	10	15	M	2.00 " "
	10	4	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.66½ " "
	10	1	M	3.00 " "
Average	10	55	M	1.87 " "
Jan. 1855	10	1	M	1.18 " "
	10	1	M	1.25 " "
	10	10	M	1.50 " "
	10	1	M	1.60 " "
	10	7	M	1.75 " "
	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	25	M	1.66 " "
July 1855	10	1	M	1.25 " "
	10	2	M	1.40 " "
	10	18	M	1.50 " "
	10	1	M	1.65 " "
	10	5	M	1.75 " "
	10	4	M	2.00 " "
	10	1	M	2.56 " "
Average	10	32	M	1.62½ " "
Jan. 1856	10	3	M	1.25 " "
	10	1	M	1.37 " "
	10	9	M	1.50 " "
	10	1	M	1.58 " "
	10	13	M	1.66½ " "
	10	7	M	1.75 " "
	10	3	M	1.83 " "
	10	6	M	2.00 " "
	10	1	M	2.56 " "
Average	10	44	M	1.68½ " "
July 1856	10	1	M	$1.25 per day.
	10	1	M	1.37 " "
	10	8	M	1.50 " "
	10	1	M	1.58 " "
	10	9	M	1.66½ " "
	10	6	M	1.75 " "
	10	6	M	1.83 " "
	10	6	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.56 " "
Average	10	41	M	1.75½ " "
Jan. 1857	10	1	M	1.25 " "
	10	5	M	1.50 " "
	10	1	M	1.58 " "
	10	5	M	1.66½ " "
	10	5	M	1.75 " "
	10	5	M	1.83 " "
	10	7	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.56 " "
Average	10	31	M	1.78½ " "
July 1857	10	5	M	1.50 " "
	10	2	M	1.58 " "
	10	5	M	1.66½ " "
	10	7	M	1.75 " "
	10	3	M	1.83 " "
	10	5	M	2.00 " "
	10	1	M	2.16½ " "
	10	2	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	2.88 " "
	10	1	M	3.00 " "
Average	10	36	M	1.92½ " "
Jan. 1858	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	3	M	1.50 " "
	10	2	M	1.70 " "
	10	2	M	1.75 " "
	10	2	M	2.00 " "
	10	2	M	2.50 " "
Average	10	13	M	1.76½ " "
July 1858	10	2	M	1.25 " "
	10	1	M	1.33 " "
	10	1	M	1.45 " "
	10	10	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.70 " "
	10	4	M	1.75 " "
	10	1	M	1.83 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	25	M	1.66½ " "
Jan. 1859	10	2	M	1.33 " "
	10	1	M	1.37 " "
	10	1	M	1.37½ " "
	10	2	M	1.40 " "
	10	1	M	1.42 " "
	10	1	M	1.45 " "
	10	20	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.70 " "
	10	8	M	1.75 " "
	10	5	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1859–conc'd.	10	1	M	$2.25 per day.
	10	2	M	2.50 " "
Average	10	46	M	1.64½ " "
Jan. 1862	10	9	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.60 " "
	10	10	M	1.65 " "
	10	6	M	1.67 " "
	10	16	M	1.75 " "
	10	2	M	1.83 " "
	10	2	M	1.83½ " "
	10	3	M	1.84 " "
	10	1	M	1.90 " "
	10	9	M	2.00 " "
	10	4	M	2.25 " "
	10	1	M	2.50 " "
Average	10	65	M	1.77½ " "
July 1862	10	6	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.60 " "
	10	9	M	1.65 " "
	10	5	M	1.67 " "
	10	16	M	1.75 " "
	10	1	M	1.83 " "
	10	2	M	1.83½ " "
	10	3	M	1.84 " "
	10	2	M	1.85 " "
	10	1	M	1.90 " "
	10	1	M	1.92 " "
	10	8	M	2.00 " "
	10	5	M	2.25 " "
	10	1	M	2.50 " "
Average	10	62	M	1.80 " "
Jan. 1863	10	2	M	1.65
	10	5	M	1.67 " "
	10	11	M	1.75 " "
	10	3	M	1.85 " "
	10	1	M	1.90 " "
	10	17	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.17 " "
	10	2	M	2.20 " "
	10	9	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	3.00 " "
Average	10	58	M	2.01 " "
July 1863	10	1	M	1.65 " "
	10	4	M	1.67 " "
	10	7	M	1.75 " "
	10	1	M	1.82 " "
	10	1	M	1.83 " "
	10	2	M	1.84 " "
	10	5	M	1.85 " "
	10	2	M	1.90 " "
	10	1	M	1.92 " "
	10	30	M	2.00 " "
	10	1	M	2.15 " "
	10	2	M	2.17 " "
	10	16	M	2.25 " "
	10	11	M	2.50 " "
	10	2	M	3.00 " "
Average	10	86	M	2.08 " "
Jan. 1864	10	2	M	1.75 " "
	10	1	M	1.85 " "
	10	18	M	2.00 " "
Jan. 1864–conc'd.	10	1	M	$2.15 per day.
	10	16	M	2.25 " "
	10	24	M	2.50 " "
	10	1	M	2.75 " "
	10	5	M	3.00 " "
	10	1	M	3.06½ " "
Average	10	69	M	2.32½ " "
July 1864	10	6	M	2.00 " "
	10	14	M	2.25 " "
	10	12	M	2.50 " "
	10	17	M	2.75 " "
	10	13	M	3.00 " "
	10	2	M	3.25 " "
	10	1	M	3.50 " "
Average	10	65	M	2.60½ " "
Jan. 1865	10	3	M	2.00 " "
	10	3	M	2.25 " "
	10	8	M	2.50 " "
	10	17	M	2.75 " "
	10	13	M	3.00 " "
	10	3	M	3.25 " "
	10	5	M	3.50 " "
Average	10	52	M	2.80⅓ " "
July 1865	10	4	M	2.00 " "
	10	4	M	2.25 " "
	10	9	M	2.50 " "
	10	14	M	2.75 " "
	10	13	M	3.00 " "
	10	2	M	3.25 " "
	10	5	M	3.50 " "
Average	10	51	M	2.76½ " "
Jan. 1866	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	12	M	2.50 " "
	10	7	M	2.75 " "
	10	20	M	3.00 " "
	10	2	M	3.25 " "
	10	5	M	3.50 " "
Average	10	49	M	2.85 " "
July 1866	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	8	M	2.50 " "
	10	1	M	2.60 " "
	10	22	M	2.75 " "
	10	30	M	3.00 " "
	10	4	M	3.25 " "
	10	9	M	3.50 " "
Average	10	79	M	2.89 " "
Jan. 1867	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.60 " "
	10	16	M	2.75 " "
	10	18	M	3.00 " "
	10	7	M	3.25 " "
	10	1	M	3.33 " "
	10	7	M	3.50 " "
	10	1	M	3.75 " "
Average	10	57	M	2.96½ " "
July 1867	10	1	M	2.00 " "
	10	1	M	2.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1867–	10	2	M	$2.50 per day.	Jan. 1870–	10	5	M	$2.75 per day.
conc'd.	10	1	M	2.60 " "	conc'd.	10	6	M	3.00 " "
	10	16	M	2.75 " "		10	5	M	3.25 " "
	10	16	M	3.00 " "		10	6	M	3.50 " "
	10	6	M	3.25 " "		10	1	M	3.75 " "
	10	1	M	3.33 " "					
	10	8	M	3.50 " "	Average	10	31	M	2.94½ " "
Average	10	52	M	2.97½ " "	July 1870	10	1	M	2.00 " "
Jan. 1868	10	1	M	2.00 " "		10	5	M	2.25 " "
	10	1	M	2.25 " "		10	3	M	2.50 " "
	10	2	M	2.50 " "		10	1	M	2.60 " "
	10	1	M	2.60 " "		10	4	M	2.75 " "
	10	5	M	2.75 " "		10	5	M	3.00 " "
	10	5	M	3.00 " "		10	4	M	3.25 " "
	10	6	M	3.25 " "		10	4	M	3.50 " "
	10	6	M	3.50 " "		10	1	M	3.75 " "
Average	10	27	M	3.00½ " "	Average	10	28	M	2.86 " "
July 1868	10	1	M	2.00 " "	Jan. 1871	10	1	M	2.00 " "
	10	1	M	2.60 " "		10	2	M	2.50 " "
	10	6	M	2.75 " "		10	1	M	2.60 " "
	10	3	M	3.00 " "		10	1	M	2.62½ " "
	10	6	M	3.25 " "		10	3	M	2.75 " "
	10	6	M	3.50 " "		10	1	M	2.87½ " "
	10	1	M	3.75 " "		10	4	M	3.00 " "
						10	3	M	3.25 " "
Average	10	24	M	3.10 " "		10	3	M	3.50 " "
Jan. 1869	10	1	M	2.00 " "	Average	10	19	M	2.92½ " "
	10	2	M	2.25 " "	July 1871	10	1	M	2.00 " "
	10	6	M	2.50 " "		10	1	M	2.50 " "
	10	1	M	2.60 " "		10	1	M	2.60 " "
	10	7	M	2.75 " "		10	5	M	2.75 " "
	10	3	M	3.00 " "		10	2	M	3.00 " "
	10	5	M	3.25 " "		10	3	M	3.25 " "
	10	5	M	3.50 " "		10	3	M	3.50 " "
Average	10	30	M	2.87 " "	Average	10	16	M	2.94½ " "
July 1869	10	1	M	2.00 " "	July 1872	10	2	M	2.00 " "
	10	2	M	2.25 " "		10	4	M	2.50 " "
	10	4	M	2.50 " "		10	3	M	2.62 " "
	10	1	M	2.60 " "		10	3	M	2.75 " "
	10	8	M	2.75 " "		10	4	M	2.87 " "
	10	8	M	3.00 " "		10	3	M	3.00 " "
	10	7	M	3.25 " "					
	10	6	M	3.50 " "	Average	10	19	M	2.66½ " "
Average	10	37	M	2.94 " "	Jan. 1873	10	3	M	2.50 " "
Jan. 1870	10	1	M	2.00 " "		10	4	M	2.75 " "
	10	4	M	2.25 " "		10	1	M	2.87 " "
	10	2	M	2.50 " "		10	6	M	3.00 " "
	10	1	M	2.60 " "	Average	10	14	M	2.81 " "

MACHINISTS' HELPERS.

July 1853	10	12	M	.92 per day.	Jan. 1854–	10	1	M	1.12 per day.
	10	6	M	1.00 " "	conc'd.	10	1	M	1.16½ " "
	10	2	M	1.12 " "		10	1	M	1.17 " "
	10	1	M	1.16½ " "					
	10	1	M	1.17 " "	Average	10	20	M	.99½ " "
	10	1	M	1.25 " "	July 1854	10	4	M	1.00 " "
						10	1	M	1.10 " "
Average	10	23	M	.99½ " "		10	1	M	1.12 " "
						10	1	M	1.17 " "
Jan. 1854	10	8	M	.92 " "		10	2	M	1.25 " "
	10	8	M	1.00 " "					
	10	1	M	1.10 " "	Average	10	9	M	1.10 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1855	10	3	M	$0.90 per day.
	10	8	M	1.00 " "
	10	1	M	1.10 " "
Average	10	12	M	.98½ " "
July 1855	10	1	M	.90 " "
	10	8	M	1.00 " "
	10	1	M	1.10 " "
Average	10	10	M	1.00 " "
Jan. 1856	10	1	M	.90 " "
	10	3	M	1.00 " "
	10	5	M	1.12 " "
	10	2	M	1.25 " "
Average	10	11	M	1.09 " "
July 1856	10	1	M	.90 " "
	10	2	M	1.00 " "
	10	4	M	1.12 " "
	10	2	M	1.25 " "
Average	10	9	M	1.10 " "
Jan. 1857	10	1	M	.90 " "
	10	2	M	1.00 " "
	10	4	M	1.12 " "
	10	2	M	1.25 " "
Average	10	9	M	1.10 " "
July 1857	10	4	M	1.00 " "
	10	4	M	1.12 " "
	10	1	M	1.25 " "
Average	10	9	M	1.08 " "
Jan. 1858	10	6	M	1.00 " "
July 1858	10	5	M	1.00 " "
	10	1	M	1.10 " "
	10	2	M	1.25 " "
Average	10	8	M	1.07½ " "
Jan. 1859	10	9	M	1.00 " "
	10	1	M	1.15 " "
	10	2	M	1.17 " "
	10	1	M	1.20 " "
	10	6	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.33 " "
Average	10	21	M	1.13½ " "
Jan. 1862	10	11	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.13 " "
	10	2	M	1.21 " "
	10	2	M	1.25 " "
	10	2	M	1.40 " "
	10	1	M	1.42 " "
Average	10	20	M	1.12 " "
July 1862	10	12	M	1.00 " "
	10	1	M	1.13 " "
	10	2	M	1.21 " "
	10	2	M	1.25 " "
	10	2	M	1.40 " "
	10	1	M	1.42 " "
	10	2	M	1.50 " "
Average	10	22	M	1.15 " "
Jan. 1863	10	6	M	$1.00 per day.
	10	2	M	1.10 " "
	10	1	M	1.15 " "
	10	9	M	1.25 " "
	10	1	M	1.38 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
Average	10	25	M	1.25 " "
July 1863	10	3	M	1.00 " "
	10	5	M	1.10 " "
	10	2	M	1.15 " "
	10	4	M	1.17 " "
	10	13	M	1.25 " "
	10	1	M	1.35 " "
	10	2	M	1.38 " "
	10	1	M	1.40 " "
	10	3	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
Average	10	37	M	1.26 " "
Jan. 1864	10	2	M	1.00 " "
	10	2	M	1.10 " "
	10	3	M	1.15 " "
	10	10	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.40 " "
	10	8	M	1.50 " "
	10	1	M	1.67 " "
Average	10	31	M	1.31 " "
July 1864	10	17	M	1.25 " "
	10	13	M	1.40 " "
	10	9	M	1.50 " "
	10	2	M	1.75 " "
Average	10	41	M	1.37½ " "
Jan. 1865	10	3	M	1.25 " "
	10	17	M	1.40 " "
	10	9	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.85 " "
Average	10	31	M	1.44 " "
July 1865	10	2	M	1.25 " "
	10	19	M	1.40 " "
	10	10	M	1.50 " "
	10	1	M	1.85 " "
Average	10	32	M	1.43½ " "
Jan. 1866	10	1	M	1.25 " "
	10	9	M	1.40 " "
	10	9	M	1.50 " "
	10	1	M	1.65 " "
	10	1	M	1.85 " "
Average	10	21	M	1.47 " "
July 1866	10	21	M	1.50 " "
	10	5	M	1.60 " "
	10	2	M	1.65 " "
	10	1	M	2.00 " "
Average	10	29	M	1.54½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

MACHINISTS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1867	10	14	M	$1.50 per day.
	10	8	M	1.60 " "
	10	2	M	1.65 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
Average	10	26	M	1.57½ " "
July 1867	10	8	M	1.50 " "
	10	10	M	1.60 " "
	10	2	M	1.65 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
Average	10	23	M	1.60 " "
Jan. 1868	10	5	M	1.60 " "
	10	2	M	1.65 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
Average	10	10	M	1.68½ " "
July 1868	10	4	M	1.50 " "
	10	7	M	1.60 " "
	10	1	M	1.65 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
Average	10	15	M	1.62½ " "
Jan. 1869	10	3	M	1.50 " "
	10	5	M	1.60 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
Average	10	11	M	1.64 " "
July 1869	10	1	M	$1.50 per day.
	10	5	M	1.60 " "
	10	3	M	1.75 " "
	10	3	M	2.00 " "
Average	10	12	M	1.73 " "
Jan. 1870	10	4	M	1.60 " "
	10	1	M	1.75 " "
	10	2	M	2.00 " "
Average	10	7	M	1.73½ " "
July 1870	10	3	M	1.60 " "
	10	2	M	1.75 " "
	10	3	M	2.00 " "
Average	10	8	M	1.78½ " "
Jan. 1871	10	2	M	1.60 " "
	10	2	M	1.75 " "
	10	2	M	2.00 " "
Average	10	6	M	1.78½ " "
July 1871	10	2	M	1.60 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	5	M	1.74 " "
July 1872	10	1	M	1.50 " "
	10	2	M	1.58 " "
	10	2	M	1.66 " "
	10	1	M	1.75 " "
Average	10	6	M	1.62 " "

PATTERNMAKERS.

July 1853	10	2	M	1.50 per day.
	10	1	M	1.58 " "
	10	5	M	1.66½ " "
	10	4	M	1.75 " "
	10	1	M	2.00 " "
Average	10	13	M	1.68½ " "
Jan. 1854	10	1	M	1.50 " "
	10	1	M	1.58 " "
	10	3	M	1.66½ " "
	10	4	M	1.75 " "
	10	1	M	2.00 " "
Average	10	10	M	1.70½ " "
July 1854	10	2	M	1.66½ " "
	10	1	M	1.75 " "
	10	1	M	1.83 " "
	10	6	M	2.00 " "
	10	1	M	2.25 " "
Average	10	11	M	1.92½ " "
Jan. 1855	10	2	M	1.60 " "
	10	3	M	1.75 " "
	10	1	M	2.00 " "
Average	10	6	M	1.74 " "
July 1855	10	3	M	1.75 per day.
	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	8	M	1.93¾ " "
Jan. 1856	10	1	M	1.66½ " "
	10	3	M	1.75 " "
	10	4	M	2.00 " "
Average	10	8	M	1.86½ " "
July 1856	10	1	M	1.66½ " "
	10	2	M	1.75 " "
	10	2	M	1.83 " "
	10	4	M	2.00 " "
Average	10	9	M	1.87 " "
Jan. 1857	10	2	M	1.50 " "
	10	2	M	1.75 " "
	10	2	M	1.83 " "
	10	4	M	2.00 " "
Average	10	10	M	1.81½ " "
July 1857	10	2	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1857–conc'd.	10	2	M	$1.75 per day.
	10	5	M	2.00 " "
Average	10	9	M	1.83½ " "
Jan. 1858	10	2	M	1.50 " "
	10	8	M	1.66½ " "
Average	10	10	M	1.63 " "
July 1858	10	1	M	1.50 " "
	10	7	M	1.75 " "
Average	10	8	M	1.72 " "
Jan. 1859	10	3	M	1.50 " "
	10	7	M	1.75 " "
Average	10	10	M	1.67½ " "
July 1862	10	3	M	1.50 " "
	10	5	M	1.75 " "
	10	5	M	2.00 " "
	10	1	M	2.50 " "
Average	10	14	M	1.84 " "
Jan. 1863	10	1	M	1.50 " "
	10	1	M	1.67 " "
	10	6	M	1.75 " "
	10	6	M	2.00 " "
Average	10	14	M	1.83½ " "
July 1863	10	5	M	1.75 " "
	10	7	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.17 " "
	10	1	M	2.25 " "
Average	10	16	M	1.96½ " "
Jan. 1864	10	10	M	2.00 " "
	10	1	M	2.10 " "
	10	5	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	18	M	2.16 " "
July 1864	10	3	M	2.00 " "
	10	8	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	17	M	2.34 " "
Jan. 1865	10	1	M	2.00 " "
	10	5	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
Average	10	11	M	2.45½ " "
July 1865	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	8	M	2.51½ " "
Jan. 1866	10	2	M	$2.25 per day.
	10	1	M	2.65 " "
	10	5	M	2.75 " "
	10	2	M	3.00 " "
Average	10	10	M	2.69 " "
July 1866	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	5	M	3.00 " "
	10	1	M	3.25 " "
Average	10	9	M	2.89 " "
Jan. 1867	10	2	M	2.50 " "
	10	4	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	8	M	2.97 " "
July 1867	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	2	M	3.25 " "
	10	1	M	3.50 " "
Average	10	8	M	3.06½ " "
Jan. 1868	10	1	M	2.25 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
	10	2	M	3.25 " "
	10	1	M	3.50 " "
Average	10	8	M	2.97 " "
July 1868	10	1	M	2.25 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
	10	2	M	3.25 " "
	10	2	M	3.50 " "
Average	10	8	M	3.03 " "
Jan. 1869	10	2	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	2	M	3.25 " "
	10	2	M	3.50 " "
Average	10	8	M	2.97 " "
July 1869	10	1	M	2.50 " "
	10	1	M	3.00 " "
	10	2	M	3.25 " "
	10	3	M	3.50 " "
Average	10	7	M	3.21½ " "
Jan. 1870	10	1	M	2.50 " "
	10	1	M	3.00 " "
	10	2	M	3.25 " "
	10	3	M	3.50 " "
Average	10	7	M	3.21½ " "
July 1870	10	2	M	3.25 " "
	10	2	M	3.50 " "
Average	10	4	M	3.37½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Concluded.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1871	10	2	M	$3.25 per day.	July 1872	10	1	M	$3.25 per day.
	10	2	M	3.50 " "		10	1	M	3.33 " "
						10	1	M	3.50 " "
Average	10	4	M	3.37½ " "	Average	10	3	M	3.36 " "
July 1871	10	1	M	3.25 " "	Jan. 1873	10	1	M	2.00 " "
	10	2	M	3.50 " "		10	3	M	3.50 " "
Average	10	3	M	3.41⅔ " "	Average	10	4	M	3.12½ " "

PATTERNMAKERS' HELPERS.

July 1853	10	5	M	1.00 per day.	Jan. 1857—conc'd.	10	1	M	1.10 per day.
	10	1	M	1.10 " "	Average	10	2	M	1.05 " "
Average	10	6	M	1.01⅔ " "	July 1857	10	1	M	1.00 " "
Jan. 1854	10	4	M	1.00 " "		10	1	M	1.10 " "
	10	1	M	1.10 " "	Average	10	2	M	1.05 " "
Average	10	5	M	1.02 " "	Jan. 1858	10	1	M	1.00 " "
July 1854	10	3	M	1.00 " "	July 1858	10	2	M	1.00 " "
	10	1	M	1.10 " "	Jan. 1859	10	2	M	1.00 " "
Average	10	4	M	1.02½ " "	July 1863	10	2	M	.75 " "
Jan. 1855	10	3	M	1.00 " "	Jan. 1864	10	2	M	.75 " "
July 1855	10	3	M	1.00 " "	July 1864	10	2	M	1.00 " "
Jan. 1856	10	2	M	1.00 " "	Jan. 1865	10	2	M	1.50 " "
July 1856	10	1	M	1.00 " "	July 1865	10	1	M	1.50 " "
	10	1	M	1.10 " "	Jan. 1866	10	2	M	1.50 " "
Average	10	2	M	1.05 " "	July 1866	10	2	M	1.65 " "
Jan. 1857	10	1	M	1.00 " "	Jan. 1867	10	2	M	1.65 " "
					July 1867	10	2	M	2.00 " "
					Jan. 1868	10	1	M	2.00 " "
					July 1868	10	1	M	2.25 " "
					Jan. 1869	10	1	M	2.25 " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT.

ANNEALERS.

July 1880	10	1	M	1.40 per day.	Jan. 1883	10	1	M	1.50 per day.
	10	1	M	2.50 " "		10	1	M	2.25 " "
Average	10	2	M	1.95 " "	Average	10	2	M	1.87½ " "
Jan. 1881	10	1	M	1.40 " "	July 1883	10	1	M	1.50 " "
	10	1	M	2.50 " "		10	1	M	2.25 " "
Average	10	2	M	1.95 " "	Average	10	2	M	1.87½ " "
July 1881	10	1	M	1.40 " "	Jan. 1884	10	1	M	1.50 " "
	10	1	M	2.50 " "		10	1	M	2.40 " "
Average	10	2	M	1.95 " "	Average	10	2	M	1.95 " "
Jan. 1882	10	1	M	2.00 " "	July 1884	10	1	M	1.35 " "
July 1882	10	1	M	1.50 " "		10	1	M	2.40 " "
	10	1	M	2.25 " "	Average	10	2	M	1.87½ " "
Average	10	2	M	1.87½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

ANNEALERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1885	10	1	M	$1.50 per day.	Jan. 1889	10	1	M	$2.00 per day.
July 1885	10	1	M	1.50 " "	July 1889	10	1	M	2.00 " "
Jan. 1887	10	1	M	2.00 " "	Jan. 1890	10	1	M	2.00 " "
July 1887	10	1	M	2.00 " "	July 1890	10	1	M	2.00 " "
Jan. 1888	10	1	M	2.00 " "	Jan. 1891	10	1	M	2.00 " "
July 1888	10	1	M	2.00 " "	July 1891	10	1	M	2.00 " "

BLACKSMITHS.

Jan. 1853	10	1	M	1.50 per day.	July 1874	10	1	M	3.25 per day.
July 1853	10	1	M	1.50 " "		10	1	M	3.50 " "
Jan. 1854	10	1	M	1.66⅔ " "	Average	10	2	M	3.37½ " "
July 1854	10	1	M	1.66⅔ " "					
July 1858	10	1	M	1.58 " "	Jan. 1875	10	1	M	3.25 " "
Jan. 1859	10	1	M	1.66⅔ " "		10	1	M	3.50 " "
July 1859	10	1	M	1.75 " "	Average	10	2	M	3.37½ " "
Jan. 1860	10	1	M	1.75 " "					
July 1860	10	1	M	1.75 " "	July 1875	10	1	M	2.92½ " "
Jan. 1861	10	1	M	1.75 " "		10	1	M	3.15 " "
July 1861	10	1	M	1.75 " "	Average	10	2	M	3.03½ " "
Jan. 1862	10	1	M	2.00 " "					
July 1862	10	1	M	2.00 " "	Jan. 1876	10	1	M	2.70 " "
Jan. 1863	10	1	M	2.00 " "		10	1	M	3.15 " "
July 1863	10	1	M	2.00 " "	Average	10	2	M	2.92½ " "
Jan. 1864	10	1	M	2.25 " "					
July 1869	10	1	M	3.25 " "	July 1876	10	1	M	2.80 " "
	10	1	M	4.00 " "	Jan. 1877	10	1	M	2.80 " "
Average	10	2	M	3.62½ " "	July 1877	10	1	M	2.50 " "
					Jan. 1878	10	1	M	2.50 " "
Jan. 1870	10	1	M	3.50 " "	July 1878	10	1	M	2.50 " "
July 1870	10	1	M	3.25 " "	Jan. 1879	10	1	M	2.50 " "
Jan. 1871	10	1	M	3.25 " "	July 1879	10	1	M	2.50 " "
July 1871	10	1	M	3.00 " "	Jan. 1880	10	1	M	2.50 " "
	10	1	M	3.25 " "	July 1880	10	1	M	2.75 " "
Average	10	2	M	3.12½ " "	Jan. 1881	10	1	M	2.75 " "
					July 1881	10	1	M	3.00 " "
Jan. 1872	10	1	M	2.75 " "	Jan. 1882	10	1	M	3.00 " "
	10	1	M	3.00 " "	July 1882	10	1	M	3.50 " "
	10	1	M	3.25 " "	Jan. 1883	10	1	M	3.50 " "
Average	10	3	M	3.00 " "	July 1883	10	1	M	3.50 " "
					Jan. 1884	10	1	M	3.50 " "
July 1872	10	1	M	3.00 " "	July 1884	10	1	M	3.25 " "
	10	1	M	3.50 " "	Jan. 1885	10	1	M	3.25 " "
Average	10	2	M	3.25 " "	July 1885	10	1	M	3.25 " "
					Jan. 1886	10	1	M	3.25 " "
Jan. 1873	10	1	M	3.00 " "	July 1886	10	1	M	3.25 " "
	10	1	M	3.50 " "	Jan. 1887	10	1	M	3.25 " "
Average	10	2	M	3.25 " "	July 1887	10	1	M	3.25 " "
					Jan. 1888	10	1	M	3.25 " "
July 1873	10	1	M	3.25 " "	July 1888	10	1	M	3.25 " "
	10	1	M	3.50 " "	Jan. 1889	10	1	M	3.25 " "
Average	10	2	M	3.37½ " "	July 1889	10	1	M	3.25 " "
					Jan. 1890	10	1	M	3.50 " "
Jan. 1874	10	1	M	3.25 " "	July 1890	10	1	M	3.50 " "
	10	1	M	3.50 " "	Jan. 1891	10	1	M	3.50 " "
Average	10	2	M	3.37½ " "	July 1891	10	1	M	3.50 " "

BLACKSMITHS' HELPERS.

Jan. 1853	10	2	M	1.00 per day.	Jan. 1865	10	1	M	1.45 per day.
July 1853	10	1	M	1.00 " "	July 1865	10	1	M	1.45 " "
July 1864	10	1	M	1.37½ " "	Jan. 1866	10	1	M	1.45 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

BLACKSMITHS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866	10	1	M	$1.50 per day.	July 1875	10	2	M	$1.50 per day.
Jan. 1867	10	1	M	1.50 " "	Jan. 1876	10	2	M	1.50 " "
July 1867	10	1	M	1.50 " "	July 1876	10	2	M	1.35 " "
Jan. 1868	10	1	M	1.50 " "	Jan. 1877	10	1	M	1.35 " "
July 1868	10	1	M	1.50 " "	July 1877	10	1	M	1.20 " "
Jan. 1869	10	1	M	1.50 " "	Jan. 1878	10	2	M	1.20 " "
July 1869	10	1	M	1.62½ " "	July 1878	10	1	M	1.20 " "
Jan. 1870	10	1	M	1.62½ " "	Jan. 1879	10	1	M	1.20 " "
					July 1879	10	1	M	1.20 " "
July 1870	10	1	M	1.62½ " "	Jan. 1880	10	1	M	1.20 " "
	10	1	M	1.66⅔ " "	July 1880	10	1	M	1.25 " "
					July 1881	10	1	M	1.25 " "
Average	10	2	M	1.64½ " "	Jan. 1882	10	1	M	1.40 " "
					July 1882	10	1	M	1.50 " "
Jan. 1871	10	1	M	1.62½ " "	Jan. 1883	10	1	M	1.50 " "
	10	1	M	1.66⅔ " "	July 1883	10	1	M	1.50 " "
					Jan. 1884	10	1	M	1.50 " "
Average	10	2	M	1.64½ " "	July 1884	10	1	M	1.45 " "
					Jan. 1885	10	1	M	1.45 " "
July 1871	10	2	M	1.66⅔ " "	July 1885	10	2	M	1.50 " "
Jan. 1872	10	2	M	1.66⅔ " "	Jan. 1887	10	1	M	1.50 " "
					July 1887	10	1	M	1.50 " "
July 1873	10	1	M	1.66⅔ " "	July 1888	10	1	M	1.25 " "
	10	1	M	1.75 " "	Jan. 1889	10	1	M	1.25 " "
					July 1889	10	1	M	1.50 " "
Average	10	2	M	1.70½ " "	Jan. 1890	10	1	M	1.50 " "
					July 1890	10	1	M	1.66⅔ " "
Jan. 1874	10	1	M	1.66⅔ " "	Jan. 1891	10	1	M	1.66⅔ " "
July 1874	10	1	M	1.66⅔ " "	July 1891	10	1	M	1.66⅔ " "
Jan. 1875	10	1	M	1.66⅔ " "					

ENGINEERS.

Jan. 1853	10	1	M	1.16⅔ per day.	Jan. 1873	10	1	M	3.00 per day.
July 1853	10	1	M	1.25 " "	July 1873	10	1	M	3.00 " "
Jan. 1854	10	1	M	1.33 " "	Jan. 1874	10	1	M	3.00 " "
July 1854	10	1	M	1.66⅔ " "	July 1874	10	1	M	3.00 " "
Jan. 1855	10	1	M	1.66⅔ " "	Jan. 1875	10	1	M	3.00 " "
July 1855	10	1	M	1.66⅔ " "	July 1875	10	1	M	3.00 " "
Jan. 1856	10	1	M	1.66⅔ " "	Jan. 1876	10	1	M	3.00 " "
July 1856	10	1	M	1.66⅔ " "	July 1876	10	1	M	2.75 " "
Jan. 1857	10	1	M	1.66⅔ " "	Jan. 1877	10	1	M	2.75 " "
July 1857	10	1	M	1.66⅔ " "	July 1877	10	1	M	2.75 " "
Jan. 1858	10	1	M	1.66⅔ " "	Jan. 1878	10	1	M	2.75 " "
July 1858	10	1	M	1.66⅔ " "	July 1878	10	1	M	2.75 " "
Jan. 1859	10	1	M	1.66⅔ " "	Jan. 1879	10	1	M	2.50 " "
July 1859	10	1	M	1.16⅔ " "	July 1879	10	1	M	2.50 " "
Jan. 1860	10	1	M	1.16⅔ " "	Jan. 1880	10	1	M	2.50 " "
July 1860	10	1	M	1.16⅔ " "	July 1880	10	1	M	2.50 " "
Jan. 1861	10	1	M	1.16⅔ " "	Jan. 1881	10	1	M	2.50 " "
July 1861	10	1	M	1.25 " "	July 1881	10	1	M	2.50 " "
Jan. 1862	10	1	M	1.25 " "	Jan. 1882	10	1	M	2.50 " "
Jan. 1863	10	1	M	1.50 " "	July 1882	10	1	M	2.75 " "
July 1863	10	1	M	1.50 " "	Jan. 1883	10	1	M	2.75 " "
Jan. 1864	10	1	M	1.66⅔ " "	July 1883	10	1	M	2.75 " "
July 1864	10	1	M	1.83⅓ " "	Jan. 1884	10	1	M	2.75 " "
Jan. 1865	10	1	M	2.00 " "	July 1884	10	1	M	2.75 " "
July 1865	10	1	M	2.00 " "	Jan. 1885	10	1	M	2.75 " "
Jan. 1866	10	1	M	2.00 " "	July 1885	10	1	M	2.75 " "
July 1866	10	1	M	2.16⅔ " "	Jan. 1886	10	1	M	2.75 " "
Jan. 1867	10	1	M	2.25 " "	July 1886	10	1	M	2.75 " "
July 1867	10	1	M	2.25 " "	Jan. 1887	10	1	M	2.75 " "
Jan. 1868	10	1	M	2.25 " "	July 1887	10	1	M	2.75 " "
July 1868	10	1	M	2.50 " "	Jan. 1888	10	1	M	2.75 " "
Jan. 1869	10	1	M	2.50 " "	July 1888	10	1	M	2.75 " "
July 1869	10	1	M	2.50 " "	Jan. 1889	10	1	M	2.75 " "
Jan. 1870	10	1	M	2.75 " "	July 1889	10	1	M	2.75 " "
July 1870	10	1	M	2.75 " "	Jan. 1890	10	1	M	2.75 " "
Jan. 1871	10	1	M	3.00 " "	July 1890	10	1	M	2.75 " "
July 1871	10	1	M	3.00 " "	Jan. 1891	10	1	M	3.00 " "
Jan. 1872	10	1	M	3.00 " "	July 1891	10	1	M	3.00 " "
July 1872	10	1	M	3.00 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

FOREMEN, MACHINISTS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1853	10	1	M	$2.55½ per day.
July 1853	10	1	M	2.50 " "
Jan. 1854	10	1	M	2.50 " "
July 1854	10	1	M	2.75 " "
Jan. 1855	10	1	M	2.75 " "
July 1855	10	1	M	3.00 " "
Jan. 1856	10	1	M	3.00 " "
July 1856	10	1	M	3.25 " "
Jan. 1857	10	1	M	3.25 " "
July 1857	10	1	M	3.83½ " "
Jan. 1858	10	1	M	3.83½ " "
July 1858	10	1	M	3.83½ " "
Jan. 1859	10	1	M	3.83½ " "
July 1859	10	1	M	4.79 " "
Jan. 1860	10	1	M	4.79 " "
July 1860	10	1	M	4.79 " "
Jan. 1861	10	1	M	4.79 " "
July 1861	10	1	M	4.79 " "
Jan. 1862	10	1	M	4.79 " "
July 1862	10	1	M	4.79 " "
July 1864	10	1	M	3.25 " "
July 1865	10	1	M	3.19⅓ " "
Jan. 1866	10	1	M	3.25 " "
	10	1	M	6.39 " "
Average	10	2	M	4.82 " "
July 1866	10	1	M	3.19⅓ " "
	10	1	M	6.39 " "
Average	10	2	M	4.79½ " "
Jan. 1867	10	1	M	3.19⅓ " "
	10	1	M	6.39 " "
Average	10	2	M	4.79½ " "
July 1867	10	1	M	4.79 " "
	10	1	M	6.39 " "
Average	10	2	M	5.59 " "
Jan. 1868	10	1	M	4.79 " "
	10	1	M	6.39 " "
Average	10	2	M	5.59 " "
July 1868	10	1	M	4.79 " "
	10	1	M	6.39 " "
Average	10	2	M	5.59 " "
Jan. 1869	10	1	M	4.79 " "
	10	1	M	6.39 " "
Average	10	2	M	5.59 " "
July 1869	10	1	M	4.79 " "
	10	1	M	6.39 " "
Average	10	2	M	5.59 " "
Jan. 1870	10	1	M	4.79 " "
	10	1	M	6.39 " "
Average	10	2	M	5.59 " "
July 1870	10	1	M	4.79 " "
	10	1	M	6.39 " "
Average	10	2	M	5.59 " "
Jan. 1871	10	1	M	$4.79 per day.
	10	1	M	6.39 " "
Average	10	2	M	5.59 " "
July 1871	10	1	M	4.79 " "
	10	1	M	6.39 " "
Average	10	2	M	5.59 " "
Jan. 1872	10	1	M	4.79 " "
	10	1	M	6.39 " "
Average	10	2	M	5.59 " "
July 1872	10	1	M	5.75 " "
	10	1	M	6.39 " "
Average	10	2	M	6.07 " "
Jan. 1873	10	1	M	5.75 " "
July 1873	10	1	M	4.79 " "
	10	1	M	5.75 " "
Average	10	2	M	5.27 " "
Jan. 1874	10	1	M	4.79 " "
	10	1	M	5.75 " "
Average	10	2	M	5.27 " "
July 1874	10	1	M	4.79 " "
	10	1	M	5.75 " "
Average	10	2	M	5.27 " "
Jan. 1875	10	1	M	4.79 " "
	10	1	M	5.75 " "
Average	10	2	M	5.27 " "
July 1875	10	1	M	4.31½ " "
	10	1	M	5.75 " "
Average	10	2	M	5.03½ " "
Jan. 1876	10	1	M	4.31½ " "
	10	1	M	5.75 " "
Average	10	2	M	5.03½ " "
July 1876	10	1	M	3.83⅓ " "
	10	1	M	5.17½ " "
Average	10	2	M	4.50½ " "
Jan. 1877	10	1	M	3.83⅓ " "
	10	1	M	5.17½ " "
Average	10	2	M	4.50½ " "
July 1877	10	1	M	3.45 " "
	10	1	M	4.60 " "
Average	10	2	M	4.02½ " "
Jan. 1878	10	1	M	3.45 " "
	10	1	M	4.60 " "
Average	10	2	M	4.02½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

FOREMEN, MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1878	10	1	M	$3.45 per day.	July 1881	10	1	M	$4.41 per day.
	10	1	M	4.60 " "		10	1	M	4.79 " "
Average	10	2	M	4.02½ " "	Average	10	2	M	4.60 " "
Jan. 1879	10	1	M	3.45 " "	Jan. 1882	10	2	M	4.79 " "
	10	1	M	4.14 " "	July 1882	10	2	M	4.79 " "
Average	10	2	M	3.79½ " "	Jan. 1883	10	1	M	4.79 " "
July 1879	10	1	M	3.45 " "	July 1883	10	1	M	4.79 " "
	10	1	M	4.14 " "	Jan. 1884	10	1	M	4.79 " "
Average	10	2	M	3.79½ " "	July 1884	10	1	M	4.79 " "
Jan. 1880	10	1	M	3.45 " "	Jan. 1885	10	1	M	4.79 " "
	10	1	M	4.14 " "	July 1885	10	1	M	4.79 " "
Average	10	2	M	3.79½ " "	Jan. 1886	10	1	M	4.79 " "
July 1880	10	1	M	3.45 " "	July 1886	10	1	M	4.79 " "
	10	1	M	4.14 " "	Jan. 1887	10	1	M	4.79 " "
Average	10	2	M	3.79½ " "	July 1887	10	1	M	4.79 " "
Jan. 1881	10	1	M	4.41 " "	Jan. 1888	10	1	M	4.79 " "
	10	1	M	4.79 " "	July 1888	10	1	M	4.79 " "
Average	10	2	M	4.60 " "	Jan. 1889	10	1	M	4.79 " "
					July 1889	10	1	M	4.79 " "
					Jan. 1890	10	1	M	4.79 " "
					July 1890	10	1	M	4.79 " "
					Jan. 1891	10	1	M	4.79 " "
					July 1891	10	1	M	4.79 " "

FOREMEN, MOULDERS.

Jan. 1853	10	1	M	1.91½ per day.	July 1872	10	1	M	6.39 per day.
July 1853	10	1	M	1.91½ " "	Jan. 1873	10	1	M	6.39 " "
Jan. 1854	10	1	M	2.50 " "	July 1873	10	1	M	6.39 " "
July 1854	10	1	M	2.50 " "	Jan. 1874	10	1	M	6.39 " "
Jan. 1855	10	1	M	2.50 " "	July 1874	10	1	M	6.39 " "
July 1855	10	1	M	2.50 " "	Jan. 1875	10	1	M	6.39 " "
Jan. 1856	10	1	M	2.50 " "	July 1875	10	1	M	6.39 " "
July 1856	10	1	M	2.50 " "	Jan. 1876	10	1	M	6.39 " "
Jan. 1857	10	1	M	2.50 " "	July 1876	10	1	M	5.75 " "
July 1857	10	1	M	2.50 " "	Jan. 1877	10	1	M	5.75 " "
Jan. 1858	10	1	M	2.50 " "	July 1877	10	1	M	5.17½ " "
July 1858	10	1	M	2.50 " "	Jan. 1878	10	1	M	5.17½ " "
Jan. 1859	10	1	M	2.50 " "	July 1878	10	1	M	5.17½ " "
July 1859	10	1	M	2.49 " "	Jan. 1879	10	1	M	4.60 " "
Jan. 1860	10	1	M	2.49 " "	July 1879	10	1	M	4.60 " "
July 1860	10	1	M	2.49 " "	Jan. 1880	10	1	M	4.60 " "
Jan. 1861	10	1	M	2.49 " "	July 1880	10	1	M	4.60 " "
July 1861	10	1	M	3.00 " "	Jan. 1881	10	1	M	4.79 " "
Jan. 1862	10	1	M	3.00 " "	July 1881	10	1	M	4.79 " "
July 1862	10	1	M	3.00 " "	Jan. 1882	10	1	M	5.17½ " "
Jan. 1863	10	1	M	3.00 " "	July 1882	10	1	M	5.75 " "
July 1863	10	1	M	3.19½ " "	Jan. 1883	10	1	M	5.75 " "
Jan. 1864	10	1	M	3.19½ " "	July 1883	10	1	M	5.75 " "
July 1864	10	1	M	4.79 " "	Jan. 1884	10	1	M	5.75 " "
Jan. 1865	10	1	M	4.79 " "	July 1884	10	1	M	5.75 " "
July 1865	10	1	M	4.79 " "	Jan. 1885	10	1	M	5.17½ " "
Jan. 1866	10	1	M	4.79 " "	July 1885	10	1	M	5.17½ " "
July 1866	10	1	M	6.39 " "	Jan. 1886	10	1	M	5.17½ " "
Jan. 1867	10	1	M	6.39 " "	July 1886	10	1	M	5.17½ " "
July 1867	10	1	M	6.39 " "	Jan. 1887	10	1	M	5.17½ " "
Jan. 1868	10	1	M	6.39 " "	July 1887	10	1	M	5.17½ " "
July 1868	10	1	M	6.39 " "	Jan. 1888	10	1	M	5.17½ " "
Jan. 1869	10	1	M	6.39 " "	July 1888	10	1	M	5.17½ " "
July 1869	10	1	M	6.39 " "	Jan. 1889	10	1	M	5.17½ " "
Jan. 1870	10	1	M	6.39 " "	July 1889	10	1	M	5.17½ " "
July 1870	10	1	M	6.39 " "	Jan. 1890	10	1	M	5.17½ " "
Jan. 1871	10	1	M	6.39 " "	July 1890	10	1	M	3.83½ " "
July 1871	10	1	M	6.39 " "	Jan. 1891	10	1	M	4.79 " "
Jan. 1872	10	1	M	6.39 " "	July 1891	10	1	M	4.79 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

FOREMEN, PATTERNMAKERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1869	10	1	M	$4.12½ per day.	Jan. 1877	10	1	M	$5.17½ per day.
Jan. 1870	10	1	M	4.12½ " "	July 1877	10	1	M	4.60 " "
July 1870	10	1	M	4.12½ " "	Jan. 1878	10	1	M	4.60 " "
Jan. 1871	10	1	M	4.79 " "	July 1878	10	1	M	4.60 " "
July 1871	10	1	M	4.79 " "	Jan. 1879	10	1	M	3.19½ " "
Jan. 1872	10	1	M	4.79 " "	July 1879	10	1	M	3.19½ " "
July 1872	10	1	M	5.00 " "	Jan. 1880	10	1	M	3.19½ " "
Jan. 1873	10	1	M	5.75 " "	July 1880	10	1	M	3.19½ " "
July 1873	10	1	M	5.75 " "	Jan. 1881	10	1	M	3.19½ " "
Jan. 1874	10	1	M	5.75 " "	July 1881	10	1	M	3.83½ " "
July 1874	10	1	M	5.75 " "	Jan. 1882	10	1	M	3.83½ " "
Jan. 1875	10	1	M	5.75 " "	July 1882	10	1	M	3.83½ " "
July 1875	10	1	M	5.75 " "	Jan. 1883	10	1	M	3.83½ " "
Jan. 1876	10	1	M	5.75 " "	July 1883	10	1	M	3.83½ " "
July 1876	10	1	M	5.17½ " "	Jan. 1884	10	1	M	3.83½ " "

MACHINISTS.

Jan. 1853	10	2	M	1.50 per day.	July 1856	10	1	M	1.50 per day.
	10	4	M	1.66½ " "		10	1	M	1.58 " "
	10	1	M	1.75 " "		10	1	M	1.60 " "
	10	1	M	2.00 " "		10	1	M	1.75 " "
						10	2	M	1.83½ " "
Average	10	8	M	1.67½ " "		10	2	M	2.00 " "
						10	1	M	2.25 " "
July 1853	10	2	M	1.50 " "					
	10	3	M	1.66½ " "	Average	10	9	M	1.81½ " "
	10	2	M	1.75 " "					
	10	2	M	2.00 " "	Jan. 1857	10	1	M	1.25 " "
						10	2	M	1.50 " "
Average	10	9	M	1.72 " "		10	2	M	1.60 " "
						10	2	M	1.75 " "
Jan. 1854	10	3	M	1.50 " "		10	2	M	1.83½ " "
	10	3	M	1.66½ " "		10	2	M	2.00 " "
	10	2	M	1.75 " "		10	1	M	2.25 " "
	10	1	M	2.00 " "					
					Average	10	12	M	1.74 " "
Average	10	9	M	1.66½ " "					
					July 1857	10	1	M	1.25 " "
July 1854	10	1	M	1.33½ " "		10	2	M	1.50 " "
	10	3	M	1.50 " "		10	1	M	1.66½ " "
	10	1	M	1.75 " "		10	6	M	1.75 " "
	10	1	M	1.83½ " "		10	1	M	1.91½ " "
	10	1	M	1.90 " "		10	3	M	2.00 " "
	10	2	M	2.00 " "		10	1	M	2.25 " "
	10	1	M	2.25 " "					
					Average	10	15	M	1.77 " "
Average	10	10	M	1.75½ " "					
					Jan. 1858	10	1	M	1.25 " "
Jan. 1855	10	1	M	1.50 " "		10	1	M	1.50 " "
	10	3	M	1.75 " "		10	3	M	1.75 " "
	10	4	M	2.00 " "		10	1	M	1.91½ " "
	10	1	M	2.25 " "		10	2	M	2.00 " "
						10	1	M	2.25 " "
Average	10	9	M	1.89 " "					
					Average	10	9	M	1.79½ " "
July 1855	10	1	M	1.50 " "					
	10	1	M	1.66½ " "	July 1858	10	1	M	1.33½ " "
	10	7	M	1.75 " "		10	3	M	1.50 " "
	10	1	M	1.83½ " "		10	1	M	1.66½ " "
	10	4	M	2.00 " "		10	1	M	1.75 " "
	10	1	M	2.25 " "		10	1	M	1.91½ " "
						10	4	M	2.00 " "
Average	10	15	M	1.83½ " "		10	1	M	2.25 " "
Jan. 1856	10	1	M	1.50 " "	Average	10	12	M	1.78½ " "
	10	1	M	1.75 " "					
	10	1	M	1.83½ " "	Jan. 1859	10	1	M	1.25 " "
	10	1	M	1.85½ " "		10	4	M	1.50 " "
	10	4	M	2.00 " "		10	1	M	1.58 " "
	10	1	M	2.25 " "		10	2	M	1.75 " "
						10	1	M	1.91½ " "
Average	10	9	M	1.91 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1859–conc'd.	10	4	M	$2.00 per day.
	10	1	M	2.25 " "
Average	10	14	M	1.75 " "
July 1859	10	1	M	1.25 " "
	10	2	M	1.33½ " "
	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	3	M	1.75 " "
	10	2	M	1.91½ " "
	10	5	M	2.00 " "
	10	1	M	2.25 " "
Average	10	17	M	1.76 " "
Jan. 1860	10	1	M	1.25 " "
	10	2	M	1.33½ " "
	10	1	M	1.50 " "
	10	1	M	1.66½ " "
	10	3	M	1.75 " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
Average	10	12	M	1.71½ " "
July 1860	10	1	M	1.33⅓ " "
	10	3	M	1.50 " "
	10	1	M	1.66⅔ " "
	10	3	M	1.75 " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
Average	10	12	M	1.75 " "
Jan. 1861	10	1	M	1.42 " "
	10	3	M	1.50 " "
	10	3	M	1.75 " "
	10	1	M	2.25 " "
Average	10	8	M	1.67½ " "
July 1861	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.66⅔ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	10	M	1.69½ " "
Jan. 1862	10	6	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.66⅔ " "
	10	7	M	1.75 " "
	10	1	M	1.91½ " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	19	M	1.70 " "
July 1862	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.66⅔ " "
	10	4	M	1.75 " "
	10	1	M	1.83⅓ " "
	10	1	M	1.85 " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
Average	10	14	M	1.80 " "
Jan. 1863	10	2	M	1.50 " "
	10	1	M	1.66⅔ " "
Jan. 1863–conc'd.	10	1	M	$1.75 per day.
	10	2	M	1.85 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	9	M	1.82 " "
July 1863	10	1	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	5	M	1.88½ " "
Jan. 1864	10	1	M	1.66⅔ " "
	10	1	M	1.75 " "
	10	1	M	1.91½ " "
	10	2	M	2.00 " "
	10	2	M	2.50 " "
Average	10	7	M	2.04⅓ " "
July 1864	10	4	M	1.66⅔ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.59½ " "
	10	1	M	2.87½ " "
Average	10	12	M	2.04 " "
Jan. 1865	10	3	M	1.66⅔ " "
	10	2	M	1.75 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.37½ " "
	10	1	M	2.50 " "
	10	1	M	2.59⅓ " "
	10	1	M	2.75 " "
	10	1	M	2.87½ " "
Average	10	12	M	2.18⅓ " "
July 1865	10	1	M	1.66⅔ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
Average	10	12	M	2.35⅓ " "
Jan. 1866	10	1	M	1.66⅔ " "
	10	3	M	1.75 " "
	10	1	M	1.83⅓ " "
	10	6	M	2.25 " "
	10	5	M	2.50 " "
	10	6	M	2.75 " "
	10	4	M	3.00 " "
	10	1	M	3.19½ " "
Average	10	27	M	2.46 " "
July 1866	10	1	M	1.66⅔ " "
	10	1	M	1.92 " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	7	M	2.50 " "
	10	8	M	2.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866–conc'd.	10	6	M	$3.00 per day.
	10	1	M	3.12½ " "
Average	10	23	M	2.55½ " "
Jan. 1867	10	1	M	1.83½ " "
	10	1	M	1.92 " "
	10	4	M	2.00 " "
	10	2	M	2.25 " "
	10	7	M	2.50 " "
	10	1	M	2.62 " "
	10	3	M	2.75 " "
	10	6	M	3.00 " "
	10	1	M	3.12½ " "
Average	10	26	M	2.53 " "
July 1867	10	1	M	1.83½ " "
	10	1	M	1.92 " "
	10	4	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	4	M	3.00 " "
	10	1	M	3.12½ " "
Average	10	15	M	2.46 " "
Jan. 1868	10	1	M	1.83½ " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	4	M	3.00 " "
Average	10	11	M	2.51 " "
July 1868	10	1	M	1.83½ " "
	10	5	M	2.00 " "
	10	1	M	2.25 " "
	10	6	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.16½ " "
Average	10	19	M	2.46 " "
Jan. 1869	10	7	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.16½ " "
	10	1	M	3.50 " "
Average	10	15	M	2.49½ " "
July 1869	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.37½ " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
	10	5	M	3.00 " "
	10	1	M	3.25 " "
Average	10	16	M	2.63½ " "
Jan. 1870	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	6	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	13	M	2.85½ " "
July 1870	10	1	M	$2.00 per day.
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	1	M	2.50 " "
	10	2	M	2.75 " "
	10	5	M	3.00 " "
	10	1	M	3.25 " "
Average	10	12	M	2.74 " "
Jan. 1871	10	1	M	1.91½ " "
	10	1	M	2.25 " "
	10	1	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.25 " "
	10	2	M	3.50 " "
Average	10	9	M	2.90½ " "
July 1871	10	1	M	1.91½ " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	10	M	2.74 " "
Jan. 1872	10	1	M	2.25 " "
	10	1	M	2.39½ " "
	10	4	M	2.50 " "
	10	3	M	2.75 " "
	10	5	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	16	M	2.79 " "
July 1872	10	2	M	2.00 " "
	10	1	M	2.33½ " "
	10	6	M	2.50 " "
	10	6	M	2.75 " "
	10	1	M	2.87½ " "
	10	9	M	3.00 " "
	10	1	M	3.25 " "
	10	2	M	3.50 " "
Average	10	28	M	2.78½ " "
Jan. 1873	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.87½ " "
	10	6	M	3.00 " "
	10	1	M	3.25 " "
	10	2	M	3.50 " "
Average	10	14	M	2.92 " "
July 1873	10	1	M	2.00 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	7	M	2.89½ " "
Jan. 1874	10	1	M	2.75 " "
	10	2	M	3.00 " "
	10	2	M	3.25 " "
	10	2	M	3.50 " "
Average	10	7	M	3.18 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS—Continued.

Pay roll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1874	10	1	M	$2.75 per day.
	10	1	M	3.00 " "
	10	2	M	3.25 " "
	10	1	M	3.50 " "
Average	10	5	M	3.15 " "
Jan. 1875	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	2	M	3.25 " "
	10	1	M	3.50 " "
Average	10	5	M	3.15 " "
July 1875	10	1	M	2.47½ " "
	10	1	M	2.70 " "
	10	2	M	2.92½ " "
	10	1	M	3.15 " "
Average	10	5	M	2.83½ " "
Jan. 1876	10	1	M	2.00 " "
	10	1	M	2.47½ " "
	10	1	M	2.70 " "
	10	2	M	2.92½ " "
	10	1	M	3.15 " "
Average	10	6	M	2.69½ " "
July 1876	10	1	M	2.20 " "
	10	1	M	2.40 " "
	10	2	M	2.60 " "
	10	1	M	2.80 " "
Average	10	5	M	2.52 " "
Jan. 1877	10	1	M	1.80 " "
	10	1	M	2.40 " "
	10	2	M	2.60 " "
Average	10	4	M	2.35 " "
July 1877	10	1	M	2.10 " "
	10	1	M	2.30 " "
Average	10	2	M	2.20 " "
Jan. 1878	10	1	M	1.55 " "
	10	1	M	1.80 " "
	10	1	M	2.13 " "
	10	1	M	2.30 " "
	10	1	M	2.50 " "
Average	10	5	M	2.05½ " "
July 1878	10	1	M	1.80 " "
	10	1	M	2.13 " "
	10	1	M	2.50 " "
Average	10	3	M	2.14½ " "
Jan. 1879	10	1	M	1.50 " "
	10	1	M	2.13 " "
	10	1	M	2.50 " "
Average	10	3	M	2.04½ " "
July 1879	10	1	M	1.50 " "
	10	1	M	2.13 " "
	10	1	M	2.50 " "
Average	10	3	M	2.04½ " "
Jan. 1880	10	1	M	1.85½ " "
	10	3	M	2.00 " "
Jan. 1880–cont'd.	10	1	M	$2.25 per day.
	10	1	M	2.75 " "
Average	10	6	M	2.14½ " "
July 1880	10	1	M	1.90 " "
	10	4	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.45 " "
	10	1	M	3.00 " "
Average	10	8	M	2.20 " "
Jan. 1881	10	1	M	1.90 " "
	10	4	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.45 " "
	10	1	M	3.00 " "
Average	10	10	M	2.21 " "
July 1881	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	8	M	2.30 " "
Jan. 1882	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	8	M	2.33 " "
July 1882	10	1	M	1.75 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	6	M	2.50 " "
	10	2	M	3.00 " "
Average	10	12	M	2.38½ " "
Jan. 1883	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	5	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	13	M	2.51 " "
July 1883	10	2	M	2.00 " "
	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	9	M	2.64 " "
Jan. 1884	10	1	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	4	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	12	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1884	10	1	M	$1.80 per day.
	10	2	M	2.00 " "
	10	1	M	2.05 " "
	10	4	M	2.25 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.34 " "
Jan. 1885	10	1	M	2.00 " "
	10	1	M	2.05 " "
	10	2	M	2.25 " "
	10	2	M	2.75 " "
Average	10	6	M	2.34 " "
July 1885	10	1	M	1.85 " "
	10	3	M	2.00 " "
	10	1	M	2.05 " "
	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
Average	10	15	M	2.37½ " "
Jan. 1886	10	1	M	1.95 " "
	10	4	M	2.00 " "
	10	1	M	2.05 " "
	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	15	M	2.33⅓ " "
July 1886	10	1	M	1.66⅔ " "
	10	1	M	1.75 " "
	10	1	M	1.83 " "
	10	2	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.26½ " "
Jan. 1887	10	2	M	1.75 " "
	10	1	M	1.83 " "
	10	1	M	2.00 " "
	10	1	M	2.05 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.28 " "
July 1887	10	3	M	1.75 " "
	10	1	M	1.83 " "
	10	1	M	2.05 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.24 " "
Jan. 1888	10	1	M	1.66⅔ " "
	10	1	M	1.75 " "
	10	1	M	1.83 " "
	10	1	M	2.05 " "
Jan. 1888–conc'd.	10	1	M	$2.50 per day.
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	8	M	2.28½ " "
July 1888	10	2	M	1.75 " "
	10	2	M	1.83 " "
	10	1	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.24½ " "
Jan. 1889	10	2	M	1.75 " "
	10	2	M	1.83 " "
	10	1	M	2.05 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	9	M	2.13½ " "
July 1889	10	2	M	1.75 " "
	10	1	M	1.83 " "
	10	1	M	2.05 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	8	M	2.17½ " "
Jan. 1890	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
Average	10	10	M	2.42 " "
July 1890	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
Average	10	13	M	2.38 " "
Jan. 1891	10	2	M	1.75 " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
Average	10	13	M	2.36½ " "
July 1891	10	4	M	1.75 " "
	10	2	M	2.00 " "
	10	4	M	2.25 " "
	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
Average	10	17	M	2.31 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS' APPRENTICES.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1853	10	2	M	$0.50 per day.
	10	1	M	1.00 " "
Average	10	3	M	.66½ " "
Jan. 1854	10	1	M	.50 " "
	10	1	M	1.00 " "
Average	10	2	M	.75 " "
July 1854	10	1	M	.55 " "
	10	1	M	1.00 " "
Average	10	2	M	.77½ " "
Jan. 1855	10	1	M	.55 " "
	10	1	M	1.00 " "
Average	10	2	M	.77½ " "
July 1855	10	1	M	.50 " "
	10	1	M	.55 " "
	10	1	M	.66½ " "
	10	1	M	1.00 " "
Average	10	4	M	.68 " "
Jan. 1856	10	1	M	.60 " "
	10	1	M	.66⅔ " "
	10	1	M	1.00 " "
Average	10	3	M	.75½ " "
July 1856	10	1	M	.60 " "
	10	1	M	.66½ " "
	10	1	M	.75 " "
	10	1	M	1.00 " "
Average	10	4	M	.75½ " "
Jan. 1857	10	1	M	.75 " "
	10	1	M	1.00 " "
Average	10	2	M	.87½ " "
July 1857	10	1	M	.60 " "
	10	2	M	1.00 " "
Average	10	3	M	.86⅔ " "
Jan. 1858	10	1	M	.60 " "
July 1858	10	1	M	.80 " "
Jan. 1859	10	1	M	.80 " "
July 1859	10	1	M	.60 " "
	10	1	M	.87½ " "
	10	1	M	1.00 " "
Average	10	3	M	.82½ " "
Jan. 1860	10	4	M	.55 " "
	10	1	M	.87½ " "
Average	10	5	M	.61½ " "
July 1860	10	4	M	.60 " "
	10	1	M	.75 " "
Average	10	5	M	.63 " "
Jan. 1861	10	1	M	.55 " "
	10	4	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
Average	10	7	M	.62 " "
July 1861	10	2	M	$0.55 per day.
	10	1	M	.60 " "
	10	3	M	.65 " "
	10	1	M	.70 " "
	10	1	M	1.00 " "
Average	10	8	M	.67 " "
Jan. 1862	10	2	M	.55 " "
	10	2	M	.60 " "
	10	3	M	.65 " "
	10	1	M	.70 " "
	10	1	M	1.00 " "
Average	10	9	M	.66 " "
July 1862	10	1	M	.55 " "
	10	4	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.70 " "
	10	1	M	.75 " "
	10	1	M	1.00 " "
Average	10	9	M	.67 " "
Jan. 1863	10	2	M	.55 " "
	10	3	M	.60 " "
	10	1	M	.65 " "
Average	10	6	M	.59 " "
July 1863	10	2	M	.60 " "
	10	2	M	.65 " "
Average	10	4	M	.62½ " "
Jan. 1864	10	1	M	.55 " "
	10	1	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
Average	10	4	M	.63½ " "
July 1864	10	1	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.70 " "
Average	10	3	M	.65 " "
Jan. 1865	10	6	M	.75 " "
	10	5	M	.85 " "
Average	10	11	M	.79½ " "
July 1865	10	2	M	.75 " "
	10	8	M	.85 " "
	10	2	M	1.00 " "
Average	10	12	M	.86 " "
Jan. 1866	10	2	M	.75 " "
	10	6	M	.85 " "
	10	5	M	1.00 " "
Average	10	13	M	.89 " "
July 1866	10	2	M	.75 " "
	10	3	M	.85 " "
	10	5	M	1.00 " "
	10	2	M	1.15 " "
Average	10	12	M	.94⅓ " "
Jan. 1867	10	1	M	.75 " "
	10	3	M	.85 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1867–concl'd.	10	1	M	$0.90 per day.
	10	2	M	1.00 " "
	10	1	M	1.15 " "
Average	10	8	M	.92 " "
July 1867	10	1	M	.75 " "
	10	3	M	.85 " "
	10	1	M	.90 " "
	10	2	M	1.00 " "
Average	10	7	M	.88½ " "
Jan. 1868	10	1	M	.75 " "
	10	2	M	.85 " "
	10	5	M	1.00 " "
Average	10	8	M	.93 " "
July 1868	10	2	M	.85 " "
	10	4	M	1.00 " "
	10	1	M	1.16½ " "
Average	10	7	M	.98 " "
Jan. 1869	10	1	M	.85 " "
	10	2	M	1.00 " "
	10	1	M	1.15 " "
	10	2	M	1.16½ " "
Average	10	6	M	1.05½ " "
July 1869	10	1	M	.85 " "
	10	1	M	1.00 " "
	10	2	M	1.15 " "
	10	2	M	1.16½ " "
Average	10	6	M	1.08 " "
Jan. 1870	10	1	M	.75 " "
	10	1	M	1.00 " "
	10	2	M	1.15 " "
	10	1	M	1.33½ " "
Average	10	5	M	1.07½ " "
July 1870	10	1	M	.75 " "
	10	1	M	.85 " "
	10	1	M	.90 " "
	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	1	M	1.33½ " "
Average	10	6	M	.99½ " "
Jan. 1871	10	2	M	.85 " "
	10	1	M	1.17 " "
Average	10	3	M	.95½ " "
July 1871	10	1	M	.85 " "
	10	1	M	1.00 " "
	10	1	M	1.17 " "
Average	10	3	M	1.00½ " "
Jan. 1872	10	1	M	.90 " "
	10	1	M	1.00 " "
Average	10	2	M	.95 " "
July 1872	10	1	M	.90 " "
	10	1	M	1.00 " "
Average	10	2	M	.95 " "
Jan. 1873	10	2	M	$0.90 per day.
	10	2	M	1.00 " "
Average	10	4	M	.95 " "
July 1873	10	1	M	1.10 " "
Jan. 1875	10	1	M	.90 " "
July 1875	10	1	M	1.00 " "
Jan. 1876	10	2	M	1.00 " "
July 1876	10	1	M	1.00 " "
	10	1	M	1.10 " "
Average	10	2	M	1.05 " "
Jan. 1877	10	1	M	1.00 " "
	10	1	M	1.10 " "
Average	10	2	M	1.05 " "
July 1877	10	1	M	1.00 " "
	10	1	M	1.10 " "
Average	10	2	M	1.05 " "
Jan. 1878	10	1	M	1.00 " "
	10	1	M	1.20 " "
Average	10	2	M	1.10 " "
July 1878	10	1	M	1.00 " "
	10	1	M	1.20 " "
Average	10	2	M	1.10 " "
Jan. 1879	10	1	M	1.00 " "
July 1879	10	1	M	1.00 " "
Jan. 1880	10	1	M	1.16½ " "
July 1880	10	1	M	.70 " "
	10	1	M	.80 " "
	10	1	M	1.16½ " "
	10	1	M	1.20 " "
Average	10	4	M	.96½ " "
Jan. 1881	10	1	M	.70 " "
	10	1	M	.80 " "
	10	1	M	1.20 " "
Average	10	3	M	.90 " "
July 1881	10	2	M	.70 " "
	10	1	M	.90 " "
	10	1	M	1.20 " "
Average	10	4	M	.87½ " "
Jan. 1882	10	2	M	.70 " "
	10	1	M	.90 " "
	10	1	M	1.20 " "
Average	10	4	M	.87½ " "
July 1882	10	2	M	.70 " "
	10	1	M	.80 " "
Average	10	3	M	.73½ " "
Jan. 1883	10	2	M	.70 " "
	10	1	M	.80 " "
Average	10	3	M	.73½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	1	M	$0.70 per day.	Jan. 1887	10	1	M	$0.70 per day.
	10	1	M	.80 " "		10	1	M	.80 " "
	10	1	M	.90 " "		10	1	M	.90 " "
Average	10	3	M	.80 " "	Average	10	3	M	.80 " "
Jan. 1884	10	1	M	.80 " "	July 1887	10	2	M	.80 " "
	10	2	M	.90 " "		10	1	M	1.20 " "
Average	10	3	M	.86½ " "	Average	10	3	M	.93½ " "
July 1884	10	1	M	.70 " "	Jan. 1888	10	1	M	.80 " "
	10	1	M	.80 " "		10	1	M	.90 " "
	10	1	M	.90 " "		10	1	M	1.20 " "
	10	1	M	1.20 " "	Average	10	3	M	.96½ " "
Average	10	4	M	.90 " "	July 1888	10	2	M	.90 " "
Jan. 1885	10	1	M	.70 " "	Jan. 1889	10	1	M	.90 " "
	10	1	M	.90 " "		10	1	M	1.20 " "
	10	2	M	1.20 " "	Average	10	2	M	1.05 " "
Average	10	4	M	1.00 " "	July 1889	10	2	M	1.20 " "
July 1885	10	1	M	.70 " "	Jan. 1890	10	1	M	.70 " "
	10	1	M	.80 " "		10	1	M	1.20 " "
	10	1	M	.90 " "	Average	10	2	M	.95 " "
	10	1	M	1.20 " "	July 1890	10	2	M	.70 " "
Average	10	4	M	.90 " "	Jan. 1891	10	1	M	.70 " "
Jan. 1886	10	1	M	.70 " "		10	1	M	.80 " "
	10	1	M	.80 " "	Average	10	2	M	.75 " "
	10	2	M	1.20 " "	July 1891	10	1	M	.70 " "
Average	10	4	M	.97½ " "		10	1	M	.80 " "
July 1886	10	2	M	.70 " "	Average	10	2	M	.75 " "
	10	1	M	.80 " "					
	10	1	M	.90 " "					
Average	10	4	M	.77½ " "					

MACHINISTS' HELPERS.

Jan. 1853	10	3	M	1.00 per day.	Jan. 1858	10	2	M	1.00 per day.
	10	1	M	1.16½ " "		10	1	M	1.16½ " "
	10	1	M	1.25 " "	Average	10	3	M	1.05½ " "
Average	10	5	M	1.08½ " "					
July 1853	10	2	M	1.00 " "	July 1858	10	2	M	1.00 " "
	10	1	M	1.13 " "		10	1	M	1.16½ " "
	10	1	M	1.16½ " "		10	1	M	1.25 " "
Average	10	4	M	1.07½ " "	Average	10	4	M	1.10½ " "
Jan. 1854	10	3	M	1.00 " "					
	10	1	M	1.16½ " "	Jan. 1859	10	3	M	1.00 " "
Average	10	4	M	1.04 " "		10	1	M	1.16½ " "
July 1854	10	1	M	1.16½ " "	Average	10	4	M	1.04 " "
Jan. 1855	10	1	M	1.16½ " "					
July 1855	10	1	M	1.16½ " "	July 1859	10	4	M	1.00 " "
Jan. 1856	10	1	M	1.16½ " "		10	1	M	1.16½ " "
July 1856	10	1	M	1.16½ " "	Average	10	5	M	1.03½ " "
Jan. 1857	10	1	M	1.16½ " "					
July 1857	10	2	M	1.00 " "	Jan. 1860	10	3	M	1.00 " "
	10	1	M	1.16½ " "		10	1	M	1.16½ " "
Average	10	3	M	1.05½ " "	Average	10	4	M	1.04 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1860	10	1	M	$1.00 per day.
	10	2	M	1.12½ " "
	10	1	M	1.16⅔ " "
Average	10	4	M	1.10½ " "
Jan. 1861	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.12½ " "
	10	1	M	1.16⅔ " "
Average	10	4	M	1.09½ " "
July 1861	10	3	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.16⅔ " "
	10	1	M	1.25 " "
Average	10	6	M	1.08½ " "
Jan. 1862	10	5	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.12½ " "
	10	2	M	1.16⅔ " "
	10	1	M	1.25 " "
	10	1	M	1.33⅓ " "
Average	10	11	M	1.10½ " "
July 1862	10	3	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.12½ " "
	10	1	M	1.16⅔ " "
	10	2	M	1.25 " "
	10	1	M	1.33½ " "
Average	10	9	M	1.13½ " "
Jan. 1863	10	3	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.12½ " "
	10	1	M	1.16⅔ " "
	10	2	M	1.25 " "
	10	1	M	1.33½ " "
Average	10	9	M	1.13½ " "
July 1863	10	1	M	1.16⅔ " "
	10	2	M	1.20 " "
	10	2	M	1.25 " "
Average	10	5	M	1.21½ " "
Jan. 1864	10	2	M	1.25 " "
	10	1	M	1.33½ " "
	10	1	M	1.37 " "
	10	1	M	1.40 " "
Average	10	5	M	1.32 " "
July 1864	10	3	M	1.33½ " "
	10	1	M	1.35 " "
	10	1	M	1.45 " "
	10	1	M	1.60 " "
Average	10	6	M	1.40 " "
Jan. 1865	10	2	M	1.33½ " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
	10	2	M	1.60 " "
Average	**10**	**6**	**M**	**1.47 " "**

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1865	10	1	M	$1.42 per day.
	10	2	M	1.45 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	4	M	1.66½ " "
Average	10	10	M	1.56 " "
Jan. 1866	10	1	M	1.00 " "
	10	1	M	1.42 " "
	10	1	M	1.45 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.66½ " "
Average	10	8	M	1.47½ " "
July 1866	10	8	M	1.50 " "
	10	1	M	1.60 " "
	10	3	M	1.66½ " "
Average	10	12	M	1.55 " "
Jan. 1867	10	10	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.66⅔ " "
	10	1	M	1.75 " "
Average	10	14	M	1.55 " "
July 1867	10	1	M	1.00 " "
	10	5	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.66½ " "
Average	10	8	M	1.47 " "
Jan. 1868	10	3	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	4	M	1.54 " "
July 1868	10	1	M	1.50 " "
	10	2	M	1.58 " "
	10	1	M	1.60 " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	6	M	1.61½ " "
Jan. 1869	10	2	M	1.50 " "
	10	2	M	1.58 " "
	10	2	M	1.66⅔ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	8	M	1.65½ " "
July 1869	10	3	M	1.66⅔ " "
	10	1	M	1.83½ " "
Average	10	4	M	1.70½ " "
Jan. 1870	10	2	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
Average	10	3	M	1.72 " "
July 1870	10	2	M	1.66⅔ " "
	10	1	M	1.83⅓ " "
Average	**10**	**3**	**M**	**1.72 " "**

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1871	10	2	M	$1.66½ per day.
	10	1	M	1.83½ " "
Average	10	3	M	1.72 " "
July 1871	10	1	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.75 " "
	10	2	M	1.83½ " "
Average	10	6	M	1.71 " "
Jan. 1872	10	1	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
	10	2	M	1.83½ " "
Average	10	5	M	1.71½ " "
July 1872	10	2	M	1.66½ " "
	10	3	M	1.83½ " "
Average	10	5	M	1.76½ " "
Jan. 1873	10	1	M	1.66½ " "
	10	3	M	1.83½ " "
Average	10	4	M	1.79½ " "
July 1873	10	1	M	1.66½ " "
	10	3	M	1.83 " "
Average	10	4	M	1.79 " "
Jan. 1874	10	3	M	1.83 " "
July 1874	10	1	M	1.75 " "
	10	3	M	1.83 " "
Average	10	4	M	1.81 " "
Jan. 1875	10	1	M	1.75 " "
	10	3	M	1.83 " "
Average	10	4	M	1.81 " "
July 1875	10	3	M	1.65 " "
Jan. 1876	10	1	M	1.50 " "
	10	3	M	1.65 " "
Average	10	4	M	1.61½ " "
July 1876	10	3	M	1.46½ " "
Jan. 1877	10	1	M	1.43½ " "
	10	2	M	1.46½ " "
Average	10	3	M	1.45½ " "
July 1877	10	3	M	1.30 " "
Jan. 1878	10	3	M	1.30 " "
July 1878	10	3	M	1.30 " "
Jan. 1879	10	3	M	1.30 " "
July 1879	10	2	M	1.30 " "
Jan. 1880	10	3	M	1.30 " "
	10	1	M	1.50 " "
Average	10	4	M	1.35 " "
July 1880	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.40 " "
Average	10	4	M	1.33½ " "
Jan. 1881	10	4	M	$1.25 per day.
	10	2	M	1.40 " "
	10	2	M	1.50 " "
Average	10	8	M	1.35 " "
July 1881	10	3	M	1.25 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
Average	10	5	M	1.33 " "
Jan. 1882	10	4	M	1.25 " "
	10	2	M	1.40 " "
	10	1	M	1.50 " "
Average	10	7	M	1.33 " "
July 1882	10	1	M	1.35 " "
	10	3	M	1.40 " "
	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	6	M	1.45½ " "
Jan. 1883	10	2	M	1.25 " "
	10	1	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.66½ " "
Average	10	6	M	1.38½ " "
July 1883	10	1	M	1.35 " "
	10	1	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	5	M	1.47½ " "
Jan. 1884	10	1	M	1.25 " "
	10	1	M	1.35 " "
	10	1	M	1.40 " "
	10	1	M	1.45 " "
	10	3	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	8	M	1.45 " "
July 1884	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.35 " "
	10	1	M	1.45 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.66½ " "
Average	10	9	M	1.44 " "
Jan. 1885	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.35 " "
	10	3	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	9	M	1.40½ " "
July 1885	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	5	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	10	M	1.43 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886	10	1	M	$1.25 per day.
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.45 " "
	10	3	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	9	M	1.44 " "
July 1886	10	1	M	1.25 " "
	10	1	M	1.35 " "
	10	1	M	1.40 " "
	10	1	M	1.45 " "
	10	4	M	1.50 " "
Average	10	8	M	1.43 " "
Jan. 1887	10	1	M	1.25 " "
	10	1	M	1.35 " "
	10	1	M	1.40 " "
	10	5	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	9	M	1.46 " "
July 1887	10	2	M	1.25 " "
	10	1	M	1.35 " "
	10	6	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.66⅔ " "
Average	10	11	M	1.46½ " "
Jan. 1888	10	2	M	1.25 " "
	10	1	M	1.35 " "
	10	5	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	9	M	1.44½ " "
July 1888	10	2	M	1.25 " "
	10	1	M	1.35 " "
July 1888–conc'd.	10	4	M	$1.50 per day.
	10	1	M	1.66½ " "
Average	10	8	M	1.44 " "
Jan. 1889	10	2	M	1.25 " "
	10	1	M	1.35 " "
	10	5	M	1.50 " "
Average	10	8	M	1.42 " "
July 1889	10	5	M	1.25 " "
	10	1	M	1.35 " "
	10	3	M	1.50 " "
Average	10	9	M	1.34½ " "
Jan. 1890	10	5	M	1.25 " "
	10	1	M	1.35 " "
	10	4	M	1.50 " "
Average	10	10	M	1.36 " "
July 1890	10	2	M	1.25 " "
	10	9	M	1.50 " "
	10	1	M	1.60 " "
Average	10	12	M	1.46½ " "
Jan. 1891	10	1	M	1.15 " "
	10	1	M	1.25 " "
	10	13	M	1.50 " "
	10	1	M	1.60 " "
Average	10	16	M	1.47 " "
July 1891	10	1	M	1.15 " "
	10	2	M	1.25 " "
	10	11	M	1.50 " "
	10	1	M	1.60 " "
Average	10	15	M	1.45 " "

MELTERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1864	10	1	M	1.16⅔ per day.
July 1864	10	1	M	1.33⅓ " "
Jan. 1865	10	1	M	1.33½ " "
July 1865	10	1	M	1.50 " "
Jan. 1866	10	1	M	1.50 " "
July 1866	10	1	M	1.50 " "
Jan. 1867	10	1	M	1.50 " "
July 1867	10	1	M	1.50 " "
Jan. 1868	10	1	M	1.50 " "
July 1868	10	1	M	1.50 " "
Jan. 1869	10	1	M	1.50 " "
July 1869	10	1	M	2.00 " "
Jan. 1870	10	1	M	2.00 " "
July 1870	10	1	M	2.50 " "
Jan. 1871	10	1	M	1.66⅔ " "
	10	1	M	2.50 " "
Average	10	2	M	2.08⅓ " "
July 1871	10	1	M	1.66⅔ " "
	10	1	M	2.75 " "
Average	10	2	M	2.20½ " "
Jan. 1872	10	1	M	1.66⅔ " "
	10	1	M	2.75 " "
Average	10	2	M	2.20½ " "
July 1872	10	1	M	1.83⅓ per day.
	10	1	M	3.00 " "
Average	10	2	M	2.41⅔ " "
Jan. 1873	10	1	M	1.83⅓ " "
	10	1	M	3.00 " "
Average	10	2	M	2.41⅔ " "
July 1873	10	1	M	1.66⅔ " "
	10	1	M	3.00 " "
Average	10	2	M	2.33⅓ " "
Jan. 1874	10	1	M	1.66⅔ " "
	10	1	M	3.00 " "
Average	10	2	M	2.33⅓ " "
July 1874	10	1	M	1.66⅔ " "
	10	1	M	3.00 " "
Average	10	2	M	2.33⅓ " "
Jan. 1875	10	1	M	1.66⅔ " "
	10	1	M	3.00 " "
Average	10	2	M	2.33⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MELTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10	1	M	$2.25 per day.	Jan. 1886	10	1	M	$1.50 per day.
Jan. 1876	10	1	M	2.25 " "		10	1	M	1.75 " "
July 1876	10	1	M	2.00 " "		10	1	M	2.25 " "
Jan. 1877	10	1	M	2.00 " "	Average	10	3	M	1.83½ " "
July 1877	10	1	M	1.80 " "	July 1886	10	1	M	1.40 " "
Jan. 1878	10	1	M	1.80 " "		10	1	M	1.50 " "
July 1878	10	1	M	1.80 " "		10	1	M	1.75 " "
Jan. 1879	10	1	M	1.80 " "		10	1	M	2.25 " "
July 1879	10	1	M	1.80 " "	Average	10	4	M	1.72½ " "
Jan. 1880	10	1	M	1.80 " "	Jan. 1887	10	1	M	1.40 " "
July 1880	10	1	M	1.25 " "		10	1	M	1.50 " "
	10	1	M	2.00 " "		10	1	M	1.75 " "
Average	10	2	M	1.62½ " "		10	1	M	2.25 " "
Jan. 1881	10	1	M	1.25 " "	Average	10	4	M	1.72½ " "
	10	1	M	2.00 " "	July 1887	10	1	M	1.50 " "
Average	10	2	M	1.62½ " "		10	1	M	1.75 " "
July 1881	10	1	M	1.40 " "		10	1	M	2.25 " "
	10	1	M	2.00 " "	Average	10	3	M	1.83½ " "
Average	10	2	M	1.70 " "	Jan. 1888	10	1	M	1.50 " "
Jan. 1882	10	1	M	1.40 " "		10	1	M	1.75 " "
	10	1	M	1.50 " "		10	1	M	2.25 " "
	10	1	M	2.00 " "	Average	10	3	M	1.83½ " "
Average	10	3	M	1.63½ " "	July 1888	10	2	M	2.00 " "
July 1882	10	1	M	1.40 " "	Jan. 1889	10	2	M	2.00 " "
	10	1	M	1.75 " "	July 1889	10	2	M	2.00 " "
	10	1	M	2.25 " "	Jan. 1890	10	1	M	1.50 " "
Average	10	3	M	1.80 " "		10	2	M	2.00 " "
Jan. 1883	10	1	M	2.25 " "	Average	10	3	M	1.83½ " "
July 1883	10	1	M	2.25 " "	July 1890	10	1	M	1.66½ " "
Jan. 1884	10	1	M	1.40 " "		10	2	M	2.00 " "
	10	1	M	2.25 " "	Average	10	3	M	1.89 " "
Average	10	2	M	1.82½ " "	Jan. 1891	10	1	M	1.50 " "
July 1884	10	1	M	2.25 " "		10	1	M	1.66½ " "
Jan. 1885	10	1	M	2.25 " "		10	1	M	2.00 " "
July 1885	10	1	M	1.50 " "	Average	10	3	M	1.72 " "
	10	1	M	1.75 " "	July 1891	10	1	M	1.50 " "
	10	1	M	2.25 " "		10	1	M	1.66½ " "
						10	1	M	2.00 " "
Average	10	3	M	1.83½ " "	Average	10	3	M	1.72 " "

MOULDERS.

Jan. 1853	10	2	M	1.25 per day.	July 1853–conc'd.	10	3	M	1.66½ per day.
	10	1	M	1.30 " "		10	1	M	1.75 " "
	10	1	M	1.37½ " "	Average	10	11	M	1.47½ " "
	10	3	M	1.50 " "	Jan. 1854	10	4	M	1.25 " "
	10	2	M	1.66½ " "		10	1	M	1.33 " "
Average	10	9	M	1.44½ " "		10	1	M	1.37½ " "
July 1853	10	3	M	1.25 " "		10	1	M	1.41½ " "
	10	1	M	1.33 " "		10	3	M	1.50 " "
	10	1	M	1.37½ " "		10	3	M	1.66½ " "
	10	2	M	1.50 " "	Average	10	13	M	1.43 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1854	10	1	M	$1.25 per day.
	10	1	M	1.33½ " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.58 " "
	10	2	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	9	M	1.51½ " "
Jan. 1855	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.58 " "
	10	3	M	1.66½ " "
	10	1	M	2.00 " "
Average	10	8	M	1.62 " "
July 1855	10	1	M	1.37½ " "
	10	3	M	1.50 " "
	10	2	M	1.75 " "
Average	10	6	M	1.56½ " "
Jan. 1856	10	1	M	1.37½ " "
	10	3	M	1.50 " "
	10	2	M	1.75 " "
Average	10	6	M	1.56½ " "
July 1856	10	1	M	1.33½ " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.65 " "
	10	1	M	1.66½ " "
	10	2	M	1.75 " "
Average	10	9	M	1.57 " "
Jan. 1857	10	1	M	1.33½ " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	2	M	1.66½ " "
	10	3	M	1.75 " "
Average	10	8	M	1.60 " "
July 1857	10	1	M	1.33½ " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
	10	4	M	1.75 " "
Average	10	9	M	1.59½ " "
Jan. 1858	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
	10	3	M	1.75 " "
Average	10	7	M	1.61½ " "
July 1858	10	1	M	1.33½ " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
	10	3	M	1.75 " "
Average	10	8	M	1.58 " "
Jan. 1859	10	1	M	1.33½ " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	4	M	1.75 " "
Average	10	8	M	1.59 " "
July 1859	10	3	M	$1.33½ per day.
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	2	M	1.66½ " "
	10	4	M	1.75 " "
Average	10	12	M	1.56 " "
Jan. 1860	10	4	M	1.33½ " "
	10	4	M	1.50 " "
	10	4	M	1.75 " "
Average	10	12	M	1.53 " "
July 1860	10	2	M	1.33½ " "
	10	4	M	1.50 " "
	10	3	M	1.75 " "
Average	10	9	M	1.54½ " "
Jan. 1861	10	1	M	1.33½ " "
	10	7	M	1.50 " "
	10	3	M	1.75 " "
Average	10	11	M	1.55½ " "
July 1861	10	2	M	1.33½ " "
	10	9	M	1.50 " "
	10	3	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	15	M	1.55 " "
Jan. 1862	10	8	M	1.50 " "
	10	1	M	1.66½ " "
	10	2	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	12	M	1.58½ " "
July 1862	10	8	M	1.50 " "
	10	1	M	1.66½ " "
	10	2	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	12	M	1.58½ " "
Jan. 1863	10	5	M	1.50 " "
	10	1	M	1.66½ " "
	10	2	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	9	M	1.61 " "
July 1863	10	3	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.66½ " "
	10	2	M	1.75 " "
	10	1	M	1.83½ " "
	10	2	M	1.92 " "
	10	1	M	2.00 " "
Average	10	12	M	1.71½ " "
Jan. 1864	10	4	M	1.50 " "
	10	1	M	1.58 " "
	10	4	M	1.66½ " "
	10	3	M	1.75 " "
	10	1	M	1.83½ " "
	10	1	M	1.87½ " "
	10	4	M	2.00 " "
Average	10	18	M	1.73½ " "
July 1864	10	6	M	1.50 " "
	10	3	M	1.66½ " "
	10	2	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1864-conc'd.	10	1	M	$1.83½ per day.
	10	7	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.37 " "
	10	1	M	2.50 " "
	10	1	M	3.25 " "
Average	10	25	M	1.93 " "
Jan. 1865	10	3	M	1.75 " "
	10	3	M	2.00 " "
	10	5	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.25 " "
Average	10	14	M	2.21½ " "
July 1865	10	1	M	1.66½ " "
	10	6	M	2.00 " "
	10	4	M	2.25 " "
	10	6	M	2.50 " "
	10	1	M	3.25 " "
Average	10	18	M	2.27½ " "
Jan. 1866	10	2	M	1.50 " "
	10	2	M	1.66½ " "
	10	4	M	2.00 " "
	10	3	M	2.25 " "
	10	5	M	2.50 " "
	10	1	M	3.25 " "
Average	10	17	M	2.16½ " "
July 1866	10	5	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
	10	2	M	2.00 " "
	10	1	M	2.16½ " "
	10	1	M	2.25 " "
	10	8	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	23	M	2.23½ " "
Jan. 1867	10	5	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
	10	1	M	1.93½ " "
	10	4	M	2.00 " "
	10	8	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	23	M	2.18 " "
July 1867	10	2	M	1.66½ " "
	10	1	M	1.83½ " "
	10	3	M	2.00 " "
	10	1	M	2.16½ " "
	10	6	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
Average	10	17	M	2.38½ " "
Jan. 1868	10	2	M	1.66½ " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
Jan. 1868-conc'd.	10	8	M	$2.50 per day.
	10	1	M	2.75 " "
Average	10	15	M	2.29 " "
July 1868	10	1	M	1.66½ " "
	10	2	M	1.75 " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	5	M	2.50 " "
	10	1	M	2.66½ " "
	10	2	M	2.75 " "
Average	10	14	M	2.28 " "
Jan. 1869	10	1	M	1.66½ " "
	10	3	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	6	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	15	M	2.31 " "
July 1869	10	4	M	1.66½ " "
	10	6	M	1.75 " "
	10	1	M	1.83½ " "
	10	7	M	2.00 " "
	10	2	M	2.25 " "
	10	6	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.25 " "
Average	10	32	M	2.18½ " "
Jan. 1870	10	4	M	1.75 " "
	10	1	M	1.83½ " "
	10	6	M	2.00 " "
	10	5	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	23	M	2.36 " "
July 1870	10	7	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.35 " "
	10	7	M	2.50 " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.75 " "
Average	10	25	M	2.49½ " "
Jan. 1871	10	5	M	2.00 " "
	10	3	M	2.25 " "
	10	7	M	2.50 " "
	10	7	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.75 " "
Average	10	25	M	2.54 " "
July 1871	10	7	M	1.75 " "
	10	1	M	1.83½ " "
	10	8	M	2.00 " "
	10	4	M	2.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1871-cond.	10	13	M	$2.50 per day.
	10	8	M	2.75 " "
	10	1	M	3.25 " "
	10	1	M	3.75 " "
Average	10	43	M	2.34 " "
Jan. 1872	10	5	M	1.75 " "
	10	1	M	1.83½ " "
	10	7	M	2.00 " "
	10	5	M	2.25 " "
	10	16	M	2.50 " "
	10	8	M	2.75 " "
	10	2	M	3.25 " "
	10	1	M	3.75 " "
Average	10	45	M	2.40 " "
July 1872	10	5	M	2.00 " "
	10	6	M	2.25 " "
	10	9	M	2.50 " "
	10	12	M	2.75 " "
	10	5	M	3.00 " "
	10	2	M	3.25 " "
Average	10	39	M	2.57½ " "
Jan. 1873	10	7	M	2.00 " "
	10	3	M	2.25 " "
	10	5	M	2.50 " "
	10	10	M	2.75 " "
	10	2	M	3.00 " "
	10	2	M	3.25 " "
Average	10	29	M	2.52½ " "
July 1873	10	7	M	2.00 " "
	10	9	M	2.50 " "
	10	11	M	2.75 " "
	10	4	M	3.00 " "
	10	2	M	3.25 " "
Average	10	33	M	2.58½ " "
Jan. 1874	10	4	M	2.00 " "
	10	3	M	2.50 " "
	10	6	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.25 " "
Average	10	17	M	2.60½ " "
July 1874	10	4	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	7	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.25 " "
Average	10	20	M	2.57½ " "
Jan. 1875	10	4	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	6	M	2.75 " "
	10	4	M	3.00 " "
	10	1	M	3.25 " "
Average	10	20	M	2.58½ " "
July 1875	10	7	M	1.80 " "
	10	2	M	2.00 " "
	10	4	M	2.25 " "
	10	8	M	2.47½ " "
July 1875-cond.	10		M	$2.50 per day.
	10	3	M	2.70 " "
	10	1	M	2.75 " "
	10	1	M	2.92½ " "
Average	10	29	M	2.30 " "
Jan. 1876	10	5	M	1.80 " "
	10	5	M	2.00 " "
	10	4	M	2.25 " "
	10	5	M	2.47½ " "
	10	1	M	2.50 " "
	10	3	M	2.70 " "
	10	2	M	2.75 " "
	10	1	M	2.92½ " "
Average	10	26	M	2.28½ " "
July 1876	10	2	M	1.60 " "
	10	3	M	1.80 " "
	10	4	M	2.00 " "
	10	4	M	2.20 " "
	10	3	M	2.40 " "
	10	1	M	2.45 " "
	10	1	M	2.60 " "
Average	10	18	M	2.09 " "
Jan. 1877	10	2	M	1.60 " "
	10	1	M	1.75 " "
	10	3	M	1.80 " "
	10	3	M	2.00 " "
	10	4	M	2.20 " "
	10	3	M	2.40 " "
	10	1	M	2.45 " "
	10	1	M	2.60 " "
Average	10	18	M	2.08 " "
July 1877	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.55 " "
	10	2	M	1.80 " "
	10	4	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.13 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
Average	10	15	M	1.88½ " "
Jan. 1878	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.55 " "
	10	1	M	1.80 " "
	10	5	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.13 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
Average	10	16	M	1.92 " "
July 1878	10	3	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.80 " "
	10	5	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.13 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1878–cone'd.	10	1	M	$2.20 per day.
	10	1	M	2.25 " "
	10	1	M	2.30 " "
Average	10	18	M	1.86½ " "
Jan. 1879	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
	10	1	M	1.80 " "
	10	4	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.13 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
Average	10	14	M	1.89 " "
July 1879	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	2	M	1.50 " "
	10	2	M	1.80 " "
	10	5	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.13 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
Average	10	17	M	1.87 " "
Jan. 1880	10	2	M	1.50 " "
	10	1	M	1.66½ " "
	10	2	M	1.75 " "
	10	2	M	1.80 " "
	10	5	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.13 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
Average	10	17	M	1.92 " "
July 1880	10	5	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
	10	3	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.20 " "
	10	3	M	2.25 " "
	10	1	M	2.30 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
Average	10	19	M	1.97 " "
Jan. 1881	10	5	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.20 " "
	10	4	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	1	M	2.46½ " "
	10	1	M	2.50 " "
Average	10	19	M	1.99½ " "
July 1881	10	1	M	1.50 " "
	10	1	M	1.66½ " "
	10	5	M	1.75 " "
	10	1	M	1.92 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1881–cone'd.	10	1	M	$2.00 per day.
	10	1	M	2.20 " "
	10	5	M	2.25 " "
	10	1	M	2.40 " "
	10	1	M	2.46½ " "
	10	6	M	2.50 " "
Average	10	23	M	2.13½ " "
Jan. 1882	10	1	M	1.66½ " "
	10	2	M	1.75 " "
	10	1	M	1.92 " "
	10	1	M	2.20 " "
	10	6	M	2.25 " "
	10	2	M	2.37½ " "
	10	1	M	2.46½ " "
	10	6	M	2.50 " "
	10	1	M	2.60 " "
	10	2	M	2.66½ " "
Average	10	23	M	2.30 " "
July 1882	10	2	M	2.00 " "
	10	1	M	2.10 " "
	10	10	M	2.25 " "
	10	2	M	2.37½ " "
	10	5	M	2.50 " "
	10	1	M	2.63 " "
	10	2	M	2.66½ " "
Average	10	23	M	2.34 " "
Jan. 1883	10	3	M	2.00 " "
	10	1	M	2.10 " "
	10	10	M	2.25 " "
	10	1	M	2.37½ " "
	10	5	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.63 " "
	10	2	M	2.66½ " "
Average	10	24	M	2.33½ " "
July 1883	10	2	M	2.00 " "
	10	1	M	2.10 " "
	10	10	M	2.25 " "
	10	1	M	2.37½ " "
	10	5	M	2.50 " "
	10	1	M	2.63 " "
	10	1	M	2.66½ " "
Average	10	21	M	2.32 " "
Jan. 1884	10	2	M	2.00 " "
	10	1	M	2.10 " "
	10	8	M	2.25 " "
	10	1	M	2.37½ " "
	10	5	M	2.50 " "
	10	1	M	2.63 " "
	10	2	M	2.66½ " "
Average	10	20	M	2.34½ " "
July 1884	10	2	M	1.75 " "
	10	3	M	2.00 " "
	10	4	M	2.05 " "
	10	4	M	2.15 " "
	10	4	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	3	M	2.50 " "
Average	10	22	M	2.16 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1885	10	2	M	$1.75 per day.
	10	2	M	2.00 " "
	10	4	M	2.05 " "
	10	4	M	2.15 " "
	10	5	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	4	M	2.50 " "
Average	10	23	M	2.18½ " "
July 1885	10	3	M	1.75 " "
	10	2	M	2.00 " "
	10	4	M	2.05 " "
	10	5	M	2.15 " "
	10	4	M	2.25 " "
	10	2	M	2.35 " "
	10	1	M	2.40 " "
	10	4	M	2.50 " "
Average	10	25	M	2.17 " "
Jan. 1886	10	1	M	1.60 " "
	10	2	M	1.75 " "
	10	3	M	2.00 " "
	10	4	M	2.05 " "
	10	3	M	2.15 " "
	10	3	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.40 " "
	10	4	M	2.50 " "
Average	10	23	M	2.16 " "
July 1886	10	1	M	1.66½ " "
	10	4	M	1.75 " "
	10	2	M	1.90 " "
	10	4	M	1.95 " "
	10	6	M	2.00 " "
	10	4	M	2.05 " "
	10	6	M	2.15 " "
	10	1	M	2.17½ " "
	10	5	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	6	M	2.50 " "
Average	10	41	M	2.11 " "
Jan. 1887	10	3	M	1.75 " "
	10	1	M	1.90 " "
	10	2	M	1.95 " "
	10	11	M	2.00 " "
	10	3	M	2.05 " "
	10	5	M	2.15 " "
	10	13	M	2.25 " "
	10	1	M	2.30 " "
	10	1	M	2.35 " "
	10	5	M	2.50 " "
	10	1	M	2.65 " "
Average	10	46	M	2.15 " "
July 1887	10	1	M	1.66½ " "
	10	7	M	1.75 " "
	10	1	M	1.90 " "
	10	1	M	1.95 " "
	10	12	M	2.00 " "
	10	3	M	2.05 " "
	10	6	M	2.15 " "
	10	2	M	2.20 " "
	10	15	M	2.25 " "
	10	1	M	2.35 " "
July 1887–conc'd.	10	5	M	$2.50 per day.
	10	1	M	2.65 " "
	10	1	M	3.00 " "
Average	10	56	M	2.13½ " "
Jan. 1888	10	6	M	1.75 " "
	10	1	M	1.90 " "
	10	2	M	1.95 " "
	10	8	M	2.00 " "
	10	3	M	2.05 " "
	10	3	M	2.15 " "
	10	2	M	2.20 " "
	10	8	M	2.25 " "
	10	1	M	2.27½ " "
	10	1	M	2.37½ " "
	10	1	M	2.40 " "
	10	4	M	2.50 " "
	10	1	M	2.65 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	43	M	2.15½ " "
July 1888	10	6	M	1.75 " "
	10	1	M	1.90 " "
	10	2	M	1.95 " "
	10	14	M	2.00 " "
	10	2	M	2.05 " "
	10	3	M	2.15 " "
	10	2	M	2.20 " "
	10	9	M	2.25 " "
	10	1	M	2.27½ " "
	10	1	M	2.37½ " "
	10	1	M	2.40 " "
	10	5	M	2.50 " "
	10	1	M	2.65 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	50	M	2.15 " "
Jan. 1889	10	3	M	1.75 " "
	10	1	M	1.90 " "
	10	1	M	1.95 " "
	10	11	M	2.00 " "
	10	2	M	2.05 " "
	10	1	M	2.15 " "
	10	1	M	2.20 " "
	10	8	M	2.25 " "
	10	1	M	2.37½ " "
	10	1	M	2.40 " "
	10	6	M	2.50 " "
	10	1	M	2.65 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	39	M	2.20 " "
July 1889	10	3	M	1.75 " "
	10	1	M	1.90 " "
	10	1	M	1.95 " "
	10	11	M	2.00 " "
	10	1	M	2.15 " "
	10	1	M	2.20 " "
	10	4	M	2.25 " "
	10	1	M	2.33½ " "
	10	1	M	2.40 " "
	10	6	M	2.50 " "
	10	1	M	2.65 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	33	M	2.20 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890	10	3	M	$1.75 per day.	Jan. 1891	10	4	M	$1.75 per day.
	10	1	M	1.90 " "		10	1	M	1.90 " "
	10	1	M	1.95 " "		10	14	M	2.00 " "
	10	15	M	2.00 " "		10	2	M	2.15 " "
	10	2	M	2.15 " "		10	1	M	2.16½ " "
	10	12	M	2.25 " "		10	3	M	2.17 " "
	10	1	M	2.33½ " "		10	11	M	2.25 " "
	10	1	M	2.37½ " "		10	1	M	2.27½ " "
	10	5	M	2.50 " "		10	1	M	2.33½ " "
	10	1	M	2.65 " "		10	6	M	2.50 " "
	10	1	M	2.75 " "		10	1	M	2.65 " "
	10	1	M	3.00 " "		10	2	M	2.75 " "
						10	1	M	3.00 " "
Average	10	44	M	2.18 " "	Average	10	48	M	2.19½ " "
July 1890	10	3	M	1.75 " "					
	10	1	M	1.90 " "					
	10	1	M	1.95 " "					
	10	13	M	2.00 " "	July 1891	10	2	M	1.75 " "
	10	1	M	2.10 " "		10	1	M	1.90 " "
	10	3	M	2.15 " "		10	15	M	2.00 " "
	10	1	M	2.16½ " "		10	2	M	2.15 " "
	10	11	M	2.25 " "		10	1	M	2.16½ " "
	10	1	M	2.33½ " "		10	3	M	2.17 " "
	10	1	M	2.37½ " "		10	6	M	2.25 " "
	10	5	M	2.50 " "		10	1	M	2.33½ " "
	10	1	M	2.65 " "		10	8	M	2.50 " "
	10	1	M	2.75 " "		10	1	M	2.65 " "
	10	1	M	3.00 " "		10	2	M	2.75 " "
Average	10	44	M	2.18½ " "	Average	10	42	M	2.20 " "

MOULDERS' APPRENTICES.

Jan. 1855	10	1	M	.55 per day.	July 1859	10	1	M	1.00 per day.
July 1855	10	1	M	.55 " "	Jan. 1860	10	2	M	.55 " "
					July 1860	10	1	M	.60 " "
Jan. 1856	10	1	M	.50 " "					
	10	1	M	.60 " "	Jan. 1861	10	1	M	.60 " "
						10	1	M	.66½ " "
Average	10	2	M	.55 " "					
					Average	10	2	M	.63½ " "
July 1856	10	1	M	.55 " "					
	10	1	M	.60 " "					
					July 1861	10	1	M	.65 " "
Average	10	2	M	.57½ " "		10	1	M	.66½ " "
					Average	10	2	M	.65½ " "
Jan. 1857	10	1	M	.50 " "					
	10	1	M	.55 " "					
	10	1	M	.65 " "	Jan. 1862	10	1	M	.65 " "
						10	1	M	.66½ " "
Average	10	3	M	.56½ " "					
					Average	10	2	M	.65½ " "
July 1857	10	1	M	.55 " "					
	10	1	M	.60 " "					
	10	1	M	.65 " "	July 1862	10	1	M	.66½ " "
						10	1	M	.70 " "
Average	10	3	M	.60 " "					
					Average	10	2	M	.68½ " "
Jan. 1858	10	1	M	.60 " "					
	10	1	M	.65 " "	Jan. 1863	10	1	M	.66½ " "
					July 1863	10	1	M	1.00 " "
Average	10	2	M	.62½ " "	Jan. 1864	10	1	M	1.12½ " "
					July 1864	10	1	M	.80 " "
July 1858	10	1	M	.65 " "	Jan. 1865	10	1	M	.85 " "
	10	1	M	.90 " "	Jan. 1866	10	1	M	1.00 " "
					July 1866	10	1	M	1.00 " "
Average	10	2	M	.77½ " "					
					Jan. 1867	10	2	M	.90 " "
Jan. 1859	10	1	M	.65 " "		10	1	M	1.00 " "
	10	1	M	.90 " "					
					Average	10	3	M	.93½ " "
Average	10	2	M	.77½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1867	10	1	M	$0.90 per day.
	10	2	M	1.00 " "
Average	10	3	M	.96½ " "
Jan. 1868	10	2	M	1.00 " "
July 1868	10	2	M	1.00 " "
Jan. 1869	10	1	M	.75 " "
	10	2	M	1.00 " "
	10	1	M	1.10 " "
Average	10	4	M	.96½ " "
July 1869	10	1	M	.75 " "
Jan. 1871	10	1	M	.90 " "
July 1871	10	2	M	.90 " "
Jan. 1872	10	3	M	.90 " "
	10	1	M	1.00 " "
Average	10	4	M	.92½ " "
July 1872	10	1	M	.75 " "
	10	2	M	.90 " "
	10	2	M	1.00 " "
Average	10	5	M	.91 " "
Jan. 1873	10	1	M	1.25 " "
July 1873	10	4	M	1.00 " "
Jan. 1874	10	3	M	1.00 " "
	10	1	M	1.25 " "
Average	10	4	M	1.06½ " "
July 1874	10	1	M	1.00 " "
	10	1	M	1.10 " "
Average	10	2	M	1.05 " "
Jan. 1875	10	2	M	1.10 " "
July 1875	10	2	M	1.10 " "
July 1876	10	1	M	.90 " "
Jan. 1877	10	1	M	1.00 " "
July 1877	10	1	M	1.00 " "
Jan. 1878	10	1	M	1.10 " "
July 1878	10	1	M	1.10 " "
July 1879	10	1	M	.66⅔ " "
Jan. 1880	10	3	M	.66⅔ " "
	10	1	M	.83⅓ " "
Average	10	4	M	.70½ " "
July 1880	10	5	M	.66⅔ " "
	10	1	M	.83⅓ " "
	10	1	M	1.25 " "
Average	10	7	M	.77½ " "
Jan. 1881	10	3	M	.66⅔ " "
	10	1	M	.83 " "
	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	6	M	.84½ " "
July 1881	10	1	M	.66⅔ " "
	10	3	M	.83 " "
	10	1	M	1.00 " "
Average	10	5	M	.83 " "
Jan. 1882	10	3	M	$0.66⅔ per day.
	10	2	M	.83 " "
Average	10	5	M	.73 " "
July 1882	10	3	M	.66⅔ " "
	10	2	M	1.00 " "
Average	10	5	M	.80 " "
Jan. 1883	10	1	M	.66⅔ " "
	10	1	M	.83 " "
	10	1	M	1.00 " "
Average	10	3	M	.83 " "
July 1883	10	2	M	.83 " "
	10	1	M	1.00 " "
Average	10	3	M	.88⅔ " "
Jan. 1884	10	1	M	.66⅔ " "
	10	1	M	.83 " "
	10	1	M	1.00 " "
Average	10	3	M	.83 " "
July 1884	10	1	M	.66⅔ " "
	10	2	M	1.00 " "
Average	10	3	M	.89 " "
Jan. 1885	10	1	M	.83 " "
	10	1	M	1.00 " "
Average	10	2	M	.91⅔ " "
July 1885	10	2	M	.66⅔ " "
Jan. 1886	10	2	M	.66⅔ " "
July 1886	10	2	M	.83 " "
	10	1	M	.95 " "
Average	10	3	M	.87 " "
Jan. 1887	10	1	M	.50 " "
	10	2	M	.66⅔ " "
	10	1	M	.83 " "
Average	10	4	M	.66⅔ " "
July 1887	10	2	M	.66⅔ " "
	10	2	M	1.00 " "
Average	10	4	M	.83⅓ " "
Jan. 1888	10	1	M	.66⅔ " "
	10	1	M	.70 " "
	10	1	M	.83 " "
	10	2	M	1.00 " "
Average	10	5	M	.84 " "
July 1888	10	2	M	.66⅔ " "
	10	1	M	.70 " "
	10	1	M	.83 " "
	10	1	M	1.00 " "
Average	10	5	M	.77 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1889	10	2	M	$0.66⅔ per day.	July 1890	10	1	M	$0.66⅔ per day.
	10	1	M	.70 " "		10	1	M	.83 " "
	10	1	M	.83 " "		10	1	M	.90 " "
	10	1	M	1.00 " "		10	1	M	1.00 " "
Average	10	5	M	.77 " "	Average	10	4	M	.85 " "
July 1889	10	1	M	.66⅔ " "	Jan. 1891	10	1	M	.66⅔ " "
	10	1	M	.80 " "		10	1	M	.83 " "
	10	2	M	.83 " "		10	1	M	.90 " "
	10	1	M	1.00 " "		10	3	M	1.00 " "
Average	10	5	M	.82½ " "	Average	10	6	M	.90 " "
Jan. 1890	10	1	M	.66⅔ " "	July 1891	10	1	M	.66⅔ " "
	10	1	M	.80 " "		10	1	M	.83 " "
	10	2	M	.83 " "		10	1	M	.90 " "
	10	1	M	1.00 " "		10	2	M	1.00 " "
Average	10	5	M	.82½ " "	Average	10	5	M	.88 " "

MOULDERS' HELPERS.

Jan. 1853	10	4	M	.76⅔ per day.	July 1858	10	8	M	1.00 per day.
	10	2	M	1.00 " "		10	1	M	1.25 " "
	10	1	M	1.16⅔ " "		10	1	M	1.33⅓ " "
Average	10	7	M	.89 " "	Average	10	10	M	1.06 " "
July 1853	10	1	M	.75 " "	Jan. 1859	10	8	M	1.00 " "
	10	7	M	1.00 " "		10	1	M	1.33⅓ " "
	10	1	M	1.25 " "					
Average	10	9	M	1.00 " "	Average	10	9	M	1.03½ " "
Jan. 1854	10	1	M	.75 " "	July 1859	10	9	M	1.00 " "
	10	1	M	.88 " "		10	2	M	1.10 " "
	10	8	M	1.00 " "		10	1	M	1.25 " "
						10	3	M	1.33⅓ " "
Average	10	10	M	.96½ " "	Average	10	15	M	1.09½ " "
July 1854	10	10	M	1.00 " "					
Jan. 1855	10	7	M	1.00 " "	Jan. 1860	10	9	M	1.00 " "
						10	2	M	1.10 " "
July 1855	10	8	M	1.00 " "		10	2	M	1.25 " "
	10	1	M	1.25 " "		10	1	M	1.33⅓ " "
Average	10	9	M	1.03 " "	Average	10	14	M	1.07½ " "
Jan. 1856	10	10	M	1.00 " "					
	10	2	M	1.25 " "	July 1860	10	8	M	1.00 " "
						10	2	M	1.10 " "
Average	10	12	M	1.04 " "		10	2	M	1.25 " "
						10	1	M	1.33⅓ " "
July 1856	10	14	M	1.00 " "					
	10	1	M	1.16⅔ " "	Average	10	13	M	1.08 " "
	10	2	M	1.25 " "					
Average	10	17	M	1.04 " "	Jan. 1861	10	8	M	1.00 " "
						10	2	M	1.10 " "
Jan. 1857	10	12	M	1.00 " "		10	1	M	1.25 " "
	10	1	M	1.25 " "	Average	10	11	M	1.04 " "
Average	10	13	M	1.02 " "					
					July 1861	10	11	M	1.00 " "
July 1857	10	12	M	1.00 " "		10	1	M	1.10 " "
	10	2	M	1.33⅓ " "		10	1	M	1.25 " "
Average	10	14	M	1.05 " "	Average	10	13	M	1.02½ " "
Jan. 1858	10	7	M	1.00 " "	Jan. 1862	10	14	M	1.00 " "
	10	2	M	1.33⅓ " "		10	1	M	1.10 " "
						10	1	M	1.25 " "
Average	10	9	M	1.07½ " "	Average	10	16	M	1.02 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1862	10	11	M	$1.00 per day.
	10	1	M	1.10 " "
	10	1	M	1.25 " "
Average	10	13	M	1.02½ " "
Jan. 1863	10	8	M	1.00 " "
	10	1	M	1.10 " "
	10	2	M	1.25 " "
Average	10	11	M	1.05½ " "
July 1863	10	4	M	1.10 " "
	10	1	M	1.12½ " "
	10	5	M	1.16⅔ " "
	10	1	M	1.25 " "
	10	1	M	1.33⅓ " "
	10	1	M	1.40 " "
Average	10	13	M	1.18 " "
Jan. 1864	10	14	M	1.16½ " "
	10	1	M	1.20 " "
	10	2	M	1.25 " "
	10	1	M	1.33½ " "
Average	10	18	M	1.18½ " "
July 1864	10	1	M	1.00 " "
	10	1	M	1.16½ " "
	10	2	M	1.25 " "
	10	11	M	1.33½ " "
	10	1	M	1.35 " "
	10	5	M	1.50 " "
Average	10	21	M	1.34⅓ " "
Jan. 1865	10	10	M	1.33⅓ " "
	10	6	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	17	M	1.41½ " "
July 1865	10	8	M	1.33⅓ " "
	10	5	M	1.50 " "
Average	10	13	M	1.40 " "
Jan. 1866	10	7	M	1.33⅓ " "
	10	7	M	1.50 " "
Average	10	14	M	1.41⅔ " "
July 1866	10	1	M	1.33⅓ " "
	10	11	M	1.50 " "
Average	10	12	M	1.48⅓ " "
Jan. 1867	10	1	M	.90 " "
	10	12	M	1.50 " "
Average	10	13	M	1.45½ " "
July 1867	10	1	M	.90 " "
	10	1	M	1.25 " "
	10	9	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	12	M	1.44⅓ " "
Jan. 1868	10	1	M	1.00 " "
	10	7	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	9	M	1.46⅓ " "
July 1868	10	1	M	$1.00 per day.
	10	12	M	1.50 " "
	10	1	M	1.66⅔ " "
Average	10	14	M	1.47⅓ " "
Jan. 1869	10	1	M	1.10 " "
	10	12	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.66⅔ " "
Average	10	15	M	1.49 " "
July 1869	10	3	M	1.25 " "
	10	5	M	1.50 " "
	10	13	M	1.66⅔ " "
Average	10	21	M	1.56⅔ " "
Jan. 1870	10	5	M	1.50 " "
	10	16	M	1.66⅔ " "
Average	10	21	M	1.62⅔ " "
July 1870	10	7	M	1.50 " "
	10	15	M	1.66⅔ " "
	10	3	M	1.75 " "
	10	1	M	1.83⅓ " "
Average	10	26	M	1.63⅓ " "
Jan. 1871	10	9	M	1.50 " "
	10	1	M	1.60 " "
	10	19	M	1.66⅔ " "
	10	3	M	1.75 " "
Average	10	32	M	1.62½ " "
July 1871	10	2	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.60 " "
	10	24	M	1.66⅔ " "
	10	2	M	1.75 " "
Average	10	30	M	1.61 " "
Jan. 1872	10	1	M	1.25 " "
	10	3	M	1.50 " "
	10	1	M	1.60 " "
	10	24	M	1.66⅔ " "
	10	3	M	1.75 " "
Average	10	32	M	1.64½ " "
July 1872	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	40	M	1.66⅔ " "
	10	3	M	1.75 " "
	10	2	M	1.83⅓ " "
Average	10	47	M	1.66⅔ " "
Jan. 1873	10	21	M	1.66⅔ " "
	10	1	M	1.75 " "
Average	10	22	M	1.67 " "
July 1873	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	30	M	1.66⅔ " "
	10	1	M	1.75 " "
	10	4	M	2.00 " "
Average	10	38	M	1.68½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1874	10	1	M	$1.50 per day.
	10	12	M	1.66½ " "
	10	2	M	1.75 " "
	10	3	M	2.00 " "
Average	10	18	M	1.72 " "
July 1874	10	13	M	1.66½ " "
	10	5	M	1.75 " "
	10	3	M	2.00 " "
Average	10	21	M	1.73½ " "
Jan. 1875	10	2	M	1.50 " "
	10	12	M	1.66½ " "
	10	6	M	1.75 " "
	10	3	M	2.00 " "
Average	10	23	M	1.71½ " "
July 1875	10	4	M	1.40 " "
	10	24	M	1.50 " "
	10	1	M	1.66½ " "
	10	6	M	1.75 " "
Average	10	35	M	1.53½ " "
Jan. 1876	10	12	M	1.50 " "
	10	1	M	1.66½ " "
	10	5	M	1.75 " "
Average	10	18	M	1.58 " "
July 1876	10	10	M	1.35 " "
	10	2	M	1.50 " "
	10	4	M	1.55 " "
	10	3	M	1.60 " "
Average	10	19	M	1.44½ " "
Jan. 1877	10	1	M	1.25 " "
	10	9	M	1.35 " "
	10	2	M	1.50 " "
	10	3	M	1.55 " "
	10	3	M	1.60 " "
Average	10	18	M	1.43½ " "
July 1877	10	2	M	1.00 " "
	10	9	M	1.20 " "
	10	2	M	1.35 " "
	10	3	M	1.40 " "
Average	10	16	M	1.23 " "
Jan. 1878	10	10	M	1.20 " "
	10	2	M	1.35 " "
	10	3	M	1.40 " "
Average	10	15	M	1.26 " "
July 1878	10	10	M	1.20 " "
	10	2	M	1.35 " "
	10	2	M	1.40 " "
Average	10	14	M	1.25 " "
Jan. 1879	10	7	M	1.20 " "
	10	2	M	1.35 " "
	10	3	M	1.40 " "
Average	10	12	M	1.27½ " "
July 1879	10	3	M	1.00 " "
	10	8	M	1.20 " "
July 1879–cone'd.	10	2	M	$1.35 per day.
	10	4	M	1.40 " "
Average	10	17	M	1.23 " "
Jan. 1880	10	3	M	1.00 " "
	10	13	M	1.20 " "
	10	1	M	1.35 " "
	10	4	M	1.40 " "
	10	1	M	1.45 " "
	10	2	M	1.50 " "
Average	10	24	M	1.25 " "
July 1880	10	17	M	1.25 " "
	10	2	M	1.35 " "
	10	3	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
Average	10	24	M	1.29½ " "
Jan. 1881	10	22	M	1.25 " "
	10	2	M	1.35 " "
	10	5	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
Average	10	31	M	1.29½ " "
July 1881	10	11	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	3	M	1.40 " "
	10	1	M	1.45 " "
	10	5	M	1.50 " "
Average	10	22	M	1.34½ " "
Jan. 1882	10	21	M	1.25 " "
	10	1	M	1.35 " "
	10	2	M	1.40 " "
	10	6	M	1.50 " "
	10	1	M	1.66½ " "
Average	10	31	M	1.32½ " "
July 1882	10	1	M	1.00 " "
	10	3	M	1.25 " "
	10	1	M	1.35 " "
	10	16	M	1.40 " "
	10	9	M	1.50 " "
	10	1	M	1.66½ " "
	10	4	M	1.75 " "
Average	10	35	M	1.45 " "
Jan. 1883	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.35 " "
	10	15	M	1.40 " "
	10	6	M	1.50 " "
	10	1	M	1.66½ " "
	10	3	M	1.75 " "
Average	10	29	M	1.44 " "
July 1883	10	5	M	1.25 " "
	10	8	M	1.40 " "
	10	8	M	1.50 " "
	10	1	M	1.66½ " "
	10	3	M	1.75 " "
Average	10	25	M	1.45½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884	10	6	M	$1.25 per day.
	10	7	M	1.40 " "
	10	8	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.66½ " "
	10	4	M	1.75 " "
Average	10	27	M	1.46½ " "
July 1884	10	1	M	1.00 " "
	10	4	M	1.25 " "
	10	5	M	1.30 " "
	10	2	M	1.35 " "
	10	3	M	1.40 " "
	10	7	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.60 " "
	10	2	M	1.75 " "
Average	10	26	M	1.40½ " "
Jan. 1885	10	3	M	1.25 " "
	10	4	M	1.30 " "
	10	1	M	1.35 " "
	10	3	M	1.40 " "
	10	7	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.60 " "
	10	1	M	1.75 " "
Average	10	21	M	1.42½ " "
July 1885	10	2	M	1.00 " "
	10	4	M	1.25 " "
	10	5	M	1.30 " "
	10	2	M	1.35 " "
	10	2	M	1.40 " "
	10	8	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.66½ " "
Average	10	25	M	1.37 " "
Jan. 1886	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	6	M	1.30 " "
	10	1	M	1.35 " "
	10	1	M	1.40 " "
	10	2	M	1.45 " "
	10	5	M	1.50 " "
Average	10	18	M	1.36 " "
July 1886	10	1	M	.95 " "
	10	1	M	1.00 " "
	10	1	M	1.17 " "
	10	3	M	1.20 " "
	10	8	M	1.25 " "
	10	4	M	1.30 " "
	10	2	M	1.35 " "
	10	2	M	1.40 " "
	10	5	M	1.45 " "
	10	3	M	1.50 " "
	10	1	M	1.52½ " "
	10	1	M	1.65 " "
Average	10	32	M	1.32½ " "
Jan. 1887	10	1	M	.95 " "
	10	1	M	1.00 " "
	10	3	M	1.20 " "
	10	10	M	1.25 " "
	10	2	M	1.30 " "
	10	2	M	1.35 " "
Jan. 1887—conc'd.	10	2	M	$1.40 per day.
	10	1	M	1.45 " "
	10	7	M	1.50 " "
	10	1	M	1.52½ " "
	10	1	M	1.66½ " "
	10	2	M	1.75 " "
Average	10	33	M	1.35½ " "
July 1887	10	1	M	1.20 " "
	10	20	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.35 " "
	10	3	M	1.40 " "
	10	1	M	1.45 " "
	10	9	M	1.50 " "
Average	10	37	M	1.33½ " "
Jan. 1888	10	1	M	1.20 " "
	10	14	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	3	M	1.40 " "
	10	1	M	1.45 " "
	10	7	M	1.50 " "
	10	3	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	32	M	1.38½ " "
July 1888	10	1	M	1.20 " "
	10	14	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	7	M	1.50 " "
	10	1	M	1.60 " "
	10	3	M	1.66½ " "
	10	2	M	1.75 " "
Average	10	33	M	1.40 " "
Jan. 1889	10	2	M	1.00 " "
	10	1	M	1.20 " "
	10	15	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	8	M	1.50 " "
	10	6	M	1.66½ " "
	10	2	M	1.75 " "
Average	10	39	M	1.39⅓ " "
July 1889	10	2	M	1.00 " "
	10	12	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.40 " "
	10	7	M	1.50 " "
	10	4	M	1.66½ " "
	10	2	M	1.75 " "
Average	10	31	M	1.39 " "
Jan. 1890	10	21	M	1.25 " "
	10	1	M	1.35 " "
	10	3	M	1.40 " "
	10	10	M	1.50 " "
	10	4	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	40	M	1.38 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1890	10	18	M	$1.25 per day.
	10	3	M	1.35 " "
	10	13	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	37	M	1.38 " "
Jan. 1891	10	13	M	1.25 " "
	10	1	M	1.40 " "
	10	16	M	1.50 " "
Jan. 1891–conc'd.	10	4	M	$1.66½ per day.
	10	1	M	1.75 " "
Average	10	35	M	1.43 " "
July 1891	10	10	M	1.25 " "
	10	1	M	1.40 " "
	10	15	M	1.50 " "
	10	2	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	29	M	1.43 " "

PATTERNMAKERS.

Jan. 1853	10	1	M	1.25 per day.
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
Average	10	6	M	1.63 " "
July 1853	10	1	M	1.50 " "
	10	1	M	1.62 " "
Average	10	2	M	1.56 " "
Jan. 1854	10	1	M	1.50 " "
	10	1	M	1.62 " "
Average	10	2	M	1.56 " "
July 1854	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
Jan. 1855	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
July 1855	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
Jan. 1856	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
July 1856	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.75 " "
Jan. 1857	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.75 " "
July 1857	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.75 " "
Jan. 1858	10	1	M	1.50 per day.
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
July 1858	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
Jan. 1859	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
July 1859	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
Jan. 1860	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
July 1860	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
Jan. 1861	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
July 1861	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
Jan. 1862	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
July 1862	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
Jan. 1863	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1863	10	1	M	$1.75 per day.
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
Jan. 1864	10	1	M	1.92 " "
	10	1	M	2.16½ " "
Average	10	2	M	2.04½ " "
July 1864	10	1	M	2.10 " "
	10	1	M	2.41½ " "
Average	10	2	M	2.25½ " "
Jan. 1865	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	2	M	2.62½ " "
July 1865	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	2	M	2.62½ " "
Jan. 1866	10	1	M	2.50 " "
	10	2	M	2.75 " "
Average	10	3	M	2.66½ " "
July 1866	10	1	M	2.00 " "
	10	1	M	2.75 " "
	10	1	M	3.25 " "
Average	10	3	M	2.66½ " "
Jan. 1867	10	1	M	2.75 " "
	10	1	M	3.25 " "
Average	10	2	M	3.00 " "
July 1867	10	1	M	2.75 " "
	10	2	M	3.25 " "
Average	10	3	M	3.08½ " "
Jan. 1868	10	1	M	2.75 " "
	10	2	M	3.25 " "
Average	10	3	M	3.08½ " "
July 1868	10	1	M	2.75 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.16½ " "
Jan. 1869	10	1	M	2.75 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.16½ " "
July 1869	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	4.00 " "
Average	10	3	M	3.25 " "
Jan. 1870	10	1	M	2.75 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	3	M	3.41½ " "
July 1870	10	1	M	$2.75 per day.
	10	1	M	3.00 " "
	10	1	M	4.00 " "
Average	10	3	M	3.25 " "
Jan. 1871	10	1	M	2.50 " "
	10	1	M	3.25 " "
	10	1	M	4.00 " "
Average	10	3	M	3.25 " "
July 1871	10	2	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	3.00 " "
Jan. 1872	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	2	M	3.50 " "
Average	10	4	M	3.31½ " "
July 1872	10	1	M	3.25 " "
	10	2	M	3.50 " "
	10	1	M	4.00 " "
Average	10	4	M	3.56½ " "
Jan. 1873	10	1	M	3.25 " "
	10	2	M	3.50 " "
Average	10	3	M	3.41½ " "
July 1873	10	1	M	3.25 " "
	10	1	M	3.50 " "
	10	1	M	3.75 " "
Average	10	3	M	3.50 " "
Jan. 1874	10	1	M	3.25 " "
	10	1	M	3.50 " "
	10	1	M	3.75 " "
Average	10	3	M	3.50 " "
July 1874	10	2	M	3.25 " "
	10	1	M	3.75 " "
Average	10	3	M	3.41½ " "
Jan. 1875	10	1	M	3.25 " "
	10	1	M	3.75 " "
Average	10	2	M	3.50 " "
July 1875	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.25 " "
	10	1	M	3.37½ " "
Average	10	7	M	2.73 " "
Jan. 1876	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.25 " "
	10	1	M	3.37½ " "
Average	10	5	M	2.87½ " "
July 1876	10	1	M	3.00 " "
	10	1	M	3.10 " "
Average	10	2	M	3.05 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1877	10	1	M	$3.00 per day.
	10	1	M	3.10 " "
Average	10	2	M	3.05 " "
July 1877	10	1	M	2.70 " "
	10	1	M	2.75 " "
Average	10	2	M	2.72½ " "
Jan. 1878	10	1	M	2.70 " "
	10	1	M	2.75 " "
Average	10	2	M	2.72½ " "
July 1878	10	1	M	2.70 " "
	10	1	M	2.75 " "
Average	10	2	M	2.72½ " "
Jan. 1879	10	1	M	2.70 " "
July 1879	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.70 " "
Average	10	3	M	2.31½ " "
Jan. 1880	10	1	M	2.25 " "
	10	1	M	2.70 " "
Average	10	2	M	2.47½ " "
July 1880	10	1	M	2.25 " "
	10	1	M	2.70 " "
Average	10	2	M	2.47½ " "
Jan. 1881	10	1	M	2.25 " "
	10	1	M	2.70 " "
Average	10	2	M	2.47½ " "
July 1881	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
Average	10	3	M	2.48½ " "
Jan. 1882	10	1	M	2.50 " "
	10	1	M	2.70 " "
Average	10	2	M	2.60 " "
July 1882	10	1	M	2.50 " "
	10	1	M	2.70 " "
Average	10	2	M	2.60 " "
Jan. 1883	10	1	M	2.50 " "
	10	1	M	2.70 " "
Average	10	2	M	2.60 " "
July 1883	10	1	M	2.50 " "
	10	1	M	2.70 " "
Average	10	2	M	2.60 " "
Jan. 1884	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
Average	10	3	M	2.48½ " "
July 1884	10	1	M	$2.50 per day.
	10	1	M	2.70 " "
Average	10	2	M	2.60 " "
Jan. 1885	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
Average	10	3	M	2.48½ " "
July 1885	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	3	M	2.75 " "
Average	10	6	M	2.61½ " "
Jan. 1886	10	1	M	2.60 " "
	10	1	M	2.75 " "
Average	10	2	M	2.67½ " "
July 1886	10	1	M	2.33½ " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	4	M	2.63½ " "
Jan. 1887	10	1	M	2.33½ " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	4	M	2.63½ " "
July 1887	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	3	M	2.73½ " "
Jan. 1888	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	3	M	2.73½ " "
July 1888	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	2	M	3.00 " "
Average	10	4	M	2.80 " "
Jan. 1889	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	2	M	3.00 " "
Average	10	4	M	2.80 " "
July 1889	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	3.50 " "
Average	10	3	M	2.90 " "
Jan 1890	10	1	M	2.50 " "
	10	1	M	2.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Concluded.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890–conc'd.	10	1	M	$3.10 per day.	Jan. 1891	10	2	M	$2.75 per day.
	10	1	M	3.50 " "		10	1	M	3.50 " "
Average	10	4	M	2.96½ " "	Average	10	3	M	3.00 " "
					July 1891	10	1	M	2.75 " "
July 1890	10	1	M	2.75 " "		10	1	M	3.00 " "
	10	1	M	3.50 " "		10	1	M	3.50 " "
Average	10	2	M	3.12½ " "	Average	10	3	M	3.08½ " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND.

BLACKSMITHS.

July 1855	10	5	M	1.50 per day.	Jan. 1861	10	2	M	1.50 per day.
	10	1	M	1.67 " "		10	1	M	1.67 " "
Average	10	6	M	1.53 " "	Average	10	3	M	1.55½ " "
Jan. 1856	10	4	M	1.50 " "	July 1861	10	2	M	1.50 " "
	10	1	M	1.67 " "					
Average	10	5	M	1.53½ " "	Jan. 1862	10	1	M	1.42 " "
						10	3	M	1.50 " "
July 1856	10	5	M	1.50 " "	Average	10	4	M	1.48 " "
	10	2	M	1.67 " "					
Average	10	7	M	1.55 " "	July 1862	10	1	M	1.42 " "
						10	3	M	1.50 " "
Jan. 1857	10	5	M	1.50 " "	Average	10	4	M	1.48 " "
	10	3	M	1.67 " "					
Average	10	8	M	1.56½ " "	Jan. 1863	10	3	M	1.58 " "
						10	3	M	1.83½ " "
July 1857	10	4	M	1.50 " "	Average	10	6	M	1.70½ " "
	10	2	M	1.67 " "					
Average	10	6	M	1.55½ " "	July 1863	10	2	M	1.75 " "
						10	3	M	1.83 " "
Jan. 1858	10	3	M	1.50 " "		10	1	M	2.00 " "
	10	2	M	1.67 " "	Average	10	6	M	1.83 " "
Average	10	5	M	1.57 " "					
					Jan. 1864	10	5	M	2.00 " "
July 1858	10	1	M	1.50 " "		10	1	M	2.25 " "
	10	1	M	1.67 " "		10	1	M	2.50 " "
Average	10	2	M	1.58½ " "	Average	10	7	M	2.10½ " "
Jan. 1859	10	3	M	1.50 " "					
	10	3	M	1.67 " "	July 1864	10	3	M	2.25 " "
						10	3	M	2.50 " "
Average	10	6	M	1.58½ " "		10	2	M	3.50 " "
July 1859	10	3	M	1.50 " "	Average	10	8	M	2.65½ " "
	10	3	M	1.67 " "					
Average	10	6	M	1.58½ " "	Jan. 1865	10	1	M	2.25 " "
						10	3	M	2.50 " "
Jan. 1860	10	5	M	1.50 " "		10	2	M	2.75 " "
	10	3	M	1.67 " "		10	1	M	4.00 " "
Average	10	8	M	1.56½ " "	Average	10	7	M	2.75 " "
July 1860	10	4	M	1.50 " "	July 1865	10	3	M	2.25 " "
	10	3	M	1.67 " "		10	2	M	2.75 " "
	10	1	M	1.83½ " "		10	1	M	4.00 " "
Average	10	8	M	1.60½ " "	Average	10	6	M	2.71 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

BLACKSMITHS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1866	10	2	M	$2.50 per day.
	10	3	M	2.75 " "
	10	1	M	4.00 " "
Average	10	6	M	2.87½ " "
July 1866	10	4	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	4.00 " "
Average	10	8	M	2.78 " "
Jan. 1867	10	4	M	2.50 " "
	10	3	M	2.75 " "
Average	10	7	M	2.60½ " "
July 1867	10	4	M	2.50 " "
	10	3	M	2.75 " "
Average	10	7	M	2.60½ " "
Jan. 1868	10	2	M	2.50 " "
	10	2	M	2.75 " "
Average	10	4	M	2.62½ " "
July 1868	10	3	M	2.50 " "
	10	2	M	2.75 " "
Average	10	5	M	2.60 " "
Jan. 1869	10	2	M	2.50 " "
	10	2	M	2.75 " "
Average	10	4	M	2.62½ " "
July 1869	10	4	M	2.50 " "
	10	2	M	2.75 " "
Average	10	6	M	2.58½ " "
Jan. 1870	10	4	M	2.50 " "
	10	2	M	2.75 " "
Average	10	6	M	2.58½ " "
July 1870	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
Average	10	6	M	2.54 " "
Jan. 1871	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	4	M	2.50 " "
July 1871	10	3	M	2.50 " "
	10	1	M	2.75 " "
Average	10	4	M	2.56½ " "
Jan. 1872	10	5	M	2.50 " "
	10	1	M	2.75 " "
Average	10	6	M	2.54 " "
July 1872	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	3	M	2.75 " "
Average	10	5	M	2.60 " "
Jan. 1873	10	1	M	$2.50 per day.
	10	3	M	2.75 " "
Average	10	4	M	2.68½ " "
July 1873	10	1	M	2.50 " "
	10	3	M	2.75 " "
Average	10	4	M	2.68½ " "
Jan. 1874	10	1	M	2.50 " "
	10	3	M	2.75 " "
Average	10	4	M	2.68½ " "
July 1874	10	1	M	2.50 " "
	10	3	M	2.75 " "
Average	10	4	M	2.68½ " "
Jan. 1875	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
July 1875	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
Jan. 1876	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	3	M	2.41½ " "
July 1876	10	1	M	2.00 " "
	10	2	M	2.25 " "
Average	10	3	M	2.16½ " "
Jan. 1877	10	1	M	2.00 " "
	10	2	M	2.25 " "
Average	10	3	M	2.16½ " "
July 1877	10	1	M	2.00 " "
	10	2	M	2.25 " "
Average	10	3	M	2.16½ " "
Jan. 1878	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	2	M	2.12½ " "
July 1878	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	2	M	2.12½ " "
Jan. 1879	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
July 1879	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
Jan. 1880	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

BLACKSMITHS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880	10	3	M	$2.17 per day.
	10	2	M	2.25 " "
Average	10	5	M	2.20 " "
Jan. 1881	10	2	M	2.25 " "
	10	1	M	2.50 " "
Average	10	3	M	2.33½ " "
July 1881	10	2	M	2.25 " "
	10	1	M	2.50 " "
Average	10	3	M	2.33½ " "
Jan. 1882	10	3	M	2.25 " "
	10	1	M	2.50 " "
Average	10	4	M	2.31½ " "
July 1882	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	4	M	2.37½ " "
Jan. 1883	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	4	M	2.37½ " "
July 1883	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	4	M	2.37½ " "
Jan. 1884	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	4	M	2.50 " "
July 1884	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	5	M	2.45 " "
Jan. 1885	10	3	M	2.25 " "
	10	2	M	2.50 " "
Average	10	5	M	2.35 " "
July 1885	10	3	M	2.25 " "
	10	3	M	2.50 " "
Average	10	6	M	2.37½ " "
Jan. 1886	10	3	M	$2.25 per day.
	10	3	M	2.50 " "
Average	10	6	M	2.37½ " "
July 1886	10	3	M	2.25 " "
	10	3	M	2.50 " "
Average	10	6	M	2.37½ " "
Jan. 1887	10	3	M	2.25 " "
	10	2	M	2.50 " "
Average	10	5	M	2.35 " "
July 1887	10	4	M	2.25 " "
	10	3	M	2.50 " "
Average	10	7	M	2.35½ " "
Jan. 1888	10	2	M	2.25 " "
	10	3	M	2.50 " "
Average	10	5	M	2.40 " "
July 1888	10	2	M	2.25 " "
	10	3	M	2.50 " "
Average	10	5	M	2.40 " "
Jan. 1889	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	4	M	2.37½ " "
July 1889	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	4	M	2.37½ " "
Jan. 1890	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	4	M	2.37½ " "
July 1890	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	4	M	2.37½ " "
Jan. 1891	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	4	M	2.37½ " "
July 1891	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	4	M	2.37½ " "

BLACKSMITHS' HELPERS.

July 1855	10	6	M	.92 per day.
Jan. 1856	10	6	M	.92 " "
July 1856	10	5	M	1.00 " "
Jan. 1857	10	9	M	1.00 " "
July 1857	10	6	M	1.00 " "
Jan. 1858	10	6	M	1.00 " "
July 1858	10	2	M	1.00 " "
Jan. 1859	10	6	M	1.00 " "
July 1859	10	6	M	1.00 " "
Jan. 1860	10	8	M	1.00 per day.
July 1860	10	10	M	1.00 " "
Jan. 1861	10	3	M	1.00 " "
July 1861	10	1	M	.75 " "
	10	5	M	1.00 " "
Average	10	6	M	.96 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

BLACKSMITHS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1862	10	2	M	$0.92 per day.
	10	3	M	1.00 " "
Average	10	5	M	.97 " "
July 1862	10	1	M	.83 " "
	10	6	M	.92 " "
	10	1	M	1.00 " "
Average	10	8	M	.92 " "
Jan. 1863	10	6	M	1.00 " "
July 1863	10	6	M	1.25 " "
Jan. 1864	10	6	M	1.25 " "
	10	4	M	1.50 " "
Average	10	10	M	1.35 " "
July 1864	10	5	M	1.42 " "
	10	8	M	1.50 " "
Average	10	13	M	1.47 " "
Jan. 1865	10	6	M	1.50 " "
	10	7	M	1.67 " "
Average	10	13	M	1.59 " "
July 1865	10	3	M	1.60 " "
	10	5	M	1.67 " "
Average	10	8	M	1.64½ " "
Jan. 1866	10	5	M	1.67 " "
	10	3	M	1.83 " "
Average	10	8	M	1.73 " "
July 1866	10	5	M	1.67 " "
	10	2	M	1.83 " "
Average	10	7	M	1.71½ " "
Jan. 1867	10	5	M	1.67 " "
	10	2	M	2.00 " "
Average	10	7	M	1.76½ " "
July 1867	10	5	M	1.67 " "
	10	1	M	2.00 " "
Average	10	6	M	1.72½ " "
Jan. 1868	10	4	M	1.67 " "
	10	1	M	2.00 " "
Average	10	5	M	1.73½ " "
July 1868	10	5	M	1.67 " "
Jan. 1869	10	4	M	1.67 " "
	10	2	M	2.00 " "
Average	10	6	M	1.78 " "
July 1869	10	4	M	1.67 " "
	10	2	M	2.00 " "
Average	10	6	M	1.78 " "
Jan. 1870	10	4	M	1.67 " "
	10	2	M	2.00 " "
Average	10	6	M	1.78 " "
July 1870	10	4	M	$1.67 per day.
	10	1	M	1.90 " "
Average	10	5	M	1.71½ " "
Jan. 1871	10	2	M	1.67 " "
	10	1	M	1.83 " "
	10	1	M	1.90 " "
Average	10	4	M	1.76½ " "
July 1871	10	3	M	1.67 " "
	10	1	M	1.83 " "
	10	1	M	2.00 " "
Average	10	5	M	1.77 " "
Jan. 1872	10	4	M	1.67 " "
	10	2	M	1.83 " "
Average	10	6	M	1.72½ " "
July 1872	10	3	M	1.67 " "
	10	1	M	1.83 " "
Average	10	4	M	1.71 " "
Jan. 1873	10	3	M	1.67 " "
	10	1	M	1.83 " "
Average	10	4	M	1.71 " "
July 1873	10	3	M	1.67 " "
	10	1	M	1.83 " "
Average	10	4	M	1.71 " "
Jan. 1874	10	3	M	1.67 " "
	10	1	M	1.83 " "
Average	10	4	M	1.71 " "
July 1874	10	3	M	1.67 " "
	10	1	M	1.83 " "
Average	10	4	M	1.71 " "
Jan. 1875	10	3	M	1.50 " "
	10	1	M	1.75 " "
Average	10	4	M	1.56½ " "
July 1875	10	3	M	1.50 " "
	10	1	M	1.75 " "
Average	10	4	M	1.56½ " "
Jan. 1876	10	3	M	1.50 " "
July 1876	10	2	M	1.50 " "
Jan. 1877	10	2	M	1.50 " "
July 1877	10	2	M	1.50 " "
Jan. 1878	10	2	M	1.50 " "
July 1878	10	2	M	1.50 " "
Jan. 1879	10	3	M	1.50 " "
July 1879	10	3	M	1.50 " "
Jan. 1880	10	3	M	1.50 " "
July 1880	10	1	M	1.50 " "
	10	1	M	1.62 " "
Average	10	2	M	1.56 " "
Jan. 1881	10	1	M	1.50 " "
July 1881	10	1	M	1.50 " "
Jan. 1882	10	1	M	1.50 " "
July 1882	10	2	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

BLACKSMITHS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883	10	2	M	$1.50 per day.	Jan. 1889	10	4	M	$1.33 per day.
July 1883	10	2	M	1.50 " "		10	1	M	1.67 " "
Jan. 1884	10	2	M	1.50 " "	Average	10	5	M	1.40 " "
July 1884	10	2	M	1.25 " "					
Jan. 1885	10	2	M	1.25 " "	July 1889	10	4	M	1.33 " "
July 1885	10	2	M	1.25 " "		10	1	M	1.67 " "
Jan. 1886	10	2	M	1.25 " "	Average	10	5	M	1.40 " "
July 1886	10	2	M	1.25 " "					
					Jan. 1890	10	4	M	1.33 " "
Jan. 1887	10	4	M	1.33 " "		10	1	M	1.67 " "
	10	1	M	1.67 " "	Average	10	5	M	1.40 " "
Average	10	5	M	1.40 " "					
					July 1890	10	4	M	1.33 " "
July 1887	10	4	M	1.33 " "		10	1	M	1.67 " "
	10	1	M	1.67 " "	Average	10	5	M	1.40 " "
Average	10	5	M	1.40 " "					
					Jan. 1891	10	4	M	1.33 " "
Jan. 1888	10	4	M	1.33 " "		10	1	M	1.67 " "
	10	1	M	1.67 " "	Average	10	5	M	1.40 " "
Average	10	5	M	1.40 " "					
					July 1891	10	4	M	1.33 " "
July 1888	10	4	M	1.33 " "		10	1	M	1.67 " "
	10	1	M	1.67 " "					
Average	10	5	M	1.40 " "	Average	10	5	M	1.40 " "

BOILERMAKERS.

July 1855	10	2	M	1.50 per day.	July 1859	10	1	M	1.83 per day.
	10	1	M	1.67 " "		10	1	M	2.50 " "
	10	1	M	2.50 " "	Average	10	2	M	2.16½ " "
Average	10	4	M	1.79½ " "					
					Jan. 1860	10	1	M	1.67 " "
Jan. 1856	10	2	M	1.50 " "		10	1	M	2.50 " "
	10	1	M	1.67 " "	Average	10	2	M	2.08½ " "
	10	1	M	2.50 " "					
Average	10	4	M	1.79½ " "	July 1860	10	2	M	1.50 " "
						10	1	M	1.67 " "
July 1856	10	4	M	1.50 " "		10	1	M	2.50 " "
	10	2	M	1.67 " "	Average	10	4	M	1.79½ " "
	10	1	M	2.50 " "					
Average	10	7	M	1.69 " "	Jan. 1861	10	1	M	2.50 " "
					July 1861	10	1	M	1.50 " "
Jan. 1857	10	1	M	1.50 " "					
	10	1	M	1.83 " "	Jan. 1862	10	1	M	1.67 " "
	10	1	M	2.50 " "		10	1	M	2.00 " "
Average	10	3	M	1.94½ " "	Average	10	2	M	1.83½ " "
July 1857	10	2	M	1.50 " "	July 1862	10	1	M	1.67 " "
	10	1	M	1.83 " "		10	1	M	2.25 " "
	10	1	M	2.50 " "	Average	10	2	M	1.96 " "
Average	10	4	M	1.83½ " "					
					Jan. 1863	10	2	M	1.67 " "
Jan. 1858	10	1	M	1.83 " "		10	2	M	1.75 " "
	10	1	M	2.50 " "		10	2	M	2.00 " "
Average	10	2	M	2.16½ " "	Average	10	6	M	1.80½ " "
July 1858	10	1	M	2.50 " "					
					July 1863	10	3	M	1.83 " "
Jan. 1859	10	1	M	1.50 " "		10	2	M	1.92 " "
	10	1	M	2.50 " "		10	3	M	2.00 " "
Average	10	2	M	2.00 " "	Average	10	8	M	1.91½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1864	10	4	M	$2.00 per day.
	10	6	M	2.25 " "
	10	3	M	2.50 " "
Average	10	13	M	2.23 " "
July 1864	10	4	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	3.00 " "
Average	10	8	M	2.22 " "
Jan. 1865	10	12	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
Average	10	15	M	2.83½ " "
July 1865	10	3	M	2.50 " "
	10	5	M	2.75 " "
	10	1	M	3.33 " "
	10	2	M	3.50 " "
Average	10	11	M	2.87 " "
Jan. 1866	10	4	M	2.67 " "
	10	5	M	2.75 " "
	10	1	M	3.33 " "
	10	2	M	3.50 " "
Average	10	12	M	2.89½ " "
July 1866	10	3	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	3.33 " "
Average	10	7	M	2.51 " "
Jan. 1867	10	4	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.33 " "
Average	10	6	M	2.72 " "
July 1867	10	1	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.33 " "
Average	10	3	M	2.94½ " "
Jan. 1868	10	2	M	2.50 " "
	10	2	M	3.00 " "
	10	1	M	3.33 " "
Average	10	5	M	2.86½ " "
July 1868	10	4	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.33 " "
Average	10	6	M	2.72 " "
Jan. 1869	10	3	M	2.25 " "
	10	1	M	3.00 " "
	10	1	M	3.33 " "
Average	10	5	M	2.61½ " "
July 1869	10	3	M	2.25 " "
	10	1	M	3.33 " "
Average	10	4	M	2.52 " "
Jan. 1870	10	10	M	2.25 " "
	10	1	M	3.33 " "
Average	10		M	2.35 " "
July 1870	10	7	M	$2.25 per day.
	10	1	M	3.33 " "
Average	10	8	M	2.38½ " "
Jan. 1871	10	6	M	2.25 " "
	10	1	M	3.33 " "
Average	10	7	M	2.40½ " "
July 1871	10	6	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.33 " "
Average	10	8	M	2.41½ " "
Jan. 1872	10	6	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.33 " "
Average	10	9	M	2.48 " "
July 1872	10	5	M	2.25 " "
	10	1	M	3.00 " "
	10	1	M	3.33 " "
Average	10	7	M	2.51 " "
Jan. 1873	10	1	M	3.00 " "
	10	1	M	3.33 " "
Average	10	2	M	3.16½ " "
July 1873	10	1	M	3.00 " "
	10	1	M	3.33 " "
Average	10	2	M	3.16½ " "
Jan. 1874	10	1	M	3.00 " "
	10	1	M	3.33 " "
Average	10	2	M	3.16½ " "
July 1874	10	1	M	3.00 " "
	10	1	M	3.33 " "
Average	10	2	M	3.16½ " "
Jan. 1875	10	2	M	2.25 " "
	10	1	M	3.50 " "
Average	10	3	M	2.66½ " "
July 1875	10	2	M	2.25 " "
	10	1	M	3.50 " "
Average	10	3	M	2.66½ " "
Jan. 1876	10	1	M	2.25 " "
	10	1	M	3.50 " "
Average	10	2	M	2.87½ " "
July 1876	10	1	M	2.25 " "
	10	1	M	3.50 " "
Average	10	2	M	2.87½ " "
Jan. 1877	10	2	M	2.00 " "
	10	1	M	3.00 " "
Average	10	3	M	2.33½ " "
July 1877	10	2	M	2.00 " "
	10	1	M	3.00 " "
Average	10	3	M	2.33½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878	10	2	M	$2.00 per day.
	10	1	M	3.00 " "
Average	10	3	M	2.33½ " "
July 1878	10	2	M	2.00 " "
	10	1	M	3.00 " "
Average	10	3	M	2.33½ " "
Jan. 1879	10	2	M	2.00 " "
	10	1	M	3.00 " "
Average	10	3	M	2.33½ " "
July 1879	10	2	M	2.00 " "
	10	1	M	3.00 " "
Average	10	3	M	2.33½ " "
Jan. 1880	10	3	M	2.00 " "
	10	1	M	3.00 " "
Average	10	4	M	2.25 " "
July 1880	10	2	M	2.25 " "
	10	1	M	3.50 " "
Average	10	3	M	2.66⅔ " "
Jan. 1881	10	2	M	2.50 " "
	10	1	M	3.50 " "
Average	10	3	M	2.83⅓ " "
July 1881	10	2	M	2.50 " "
	10	1	M	3.50 " "
Average	10	3	M	2.83⅓ " "
Jan. 1882	10	2	M	2.50 " "
	10	1	M	3.50 " "
Average	10	3	M	2.83⅓ " "
July 1882	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "
Jan. 1883	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "
July 1883	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "
Jan. 1884	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "
July 1884	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1885	10	1	M	$2.50 per day.
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "
July 1885	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "
Jan. 1886	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "
July 1886	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "
Jan. 1887	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "
July 1887	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "
Jan. 1888	10	1	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.83⅓ " "
July 1888	10	1	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.83⅓ " "
Jan. 1889	10	1	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.83⅓ " "
July 1889	10	1	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.83⅓ " "
Jan. 1890	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	4	M	2.75 " "
July 1890	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	4	M	2.81¼ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

BOILERMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891	10	1	M	$2.25 per day.	July 1891	10	1	M	$2.25 per day.
	10	1	M	2.50 " "		10	1	M	2.50 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
	10	1	M	3.50 " "		10	1	M	3.50 " "
Average	10	4	M	2.81½ " "	Average	10	4	M	2.81½ " "

LABORERS.

July 1855	10	4	M	1.00 per day.	July 1870	10	3	M	1.50 per day.
Jan. 1856	10	5	M	1.00 " "		10	6	M	1.60 " "
July 1856	10	6	M	1.00 " "	Average	10	9	M	1.56½ " "
Jan. 1857	10	7	M	1.00 " "					
July 1857	10	8	M	1.00 " "	Jan. 1871	10	3	M	1.50 " "
Jan. 1858	10	6	M	1.00 " "		10	5	M	1.60 " "
July 1858	10	5	M	1.00 " "	Average	10	8	M	1.56½ " "
Jan. 1859	10	4	M	1.00 " "					
July 1859	10	4	M	1.00 " "	July 1871	10	6	M	1.50 " "
Jan. 1860	10	4	M	.92 " "		10	4	M	1.60 " "
July 1860	10	4	M	.92 " "	Average	10	10	M	1.54 " "
Jan. 1861	10	4	M	.92 " "					
July 1861	10	5	M	.75 " "	Jan. 1872	10	5	M	1.50 " "
Jan. 1862	10	4	M	.75 " "		10	4	M	1.60 " "
July 1862	10	4	M	.83 " "	Average	10	9	M	1.54½ " "
Jan. 1863	10	8	M	1.00 " "					
July 1863	10	8	M	1.15 " "	July 1872	10	10	M	1.50 " "
						10	4	M	1.60 " "
Jan. 1864	10	4	M	1.20 " "	Average	10	14	M	1.53 " "
	10	6	M	1.25 " "					
Average	10	10	M	1.23 " "	Jan. 1873	10	5	M	1.50 " "
						10	4	M	1.60 " "
July 1864	10	3	M	1.33 " "	Average	10	9	M	1.54½ " "
	10	5	M	1.50 " "					
Average	10	8	M	1.43½ " "	July 1873	10	5	M	1.50 " "
						10	4	M	1.60 " "
Jan. 1865	10	1	M	1.35 " "	Average	10	9	M	1.54½ " "
	10	13	M	1.50 " "					
Average	10	14	M	1.49 " "	Jan. 1874	10	4	M	1.50 " "
						10	4	M	1.60 " "
July 1865	10	2	M	1.50 " "	Average	10	8	M	1.55 " "
	10	14	M	1.60 " "					
Average	10	16	M	1.58½ " "	July 1874	10	4	M	1.50 " "
						10	4	M	1.60 " "
Jan. 1866	10	12	M	1.60 " "	Average	10	8	M	1.55 " "
	10	2	M	1.75 " "					
Average	10	14	M	1.62 " "	Jan. 1875	10	7	M	1.33 " "
					July 1875	10	7	M	1.33 " "
July 1866	10	12	M	1.60 " "					
Jan. 1867	10	11	M	1.60 " "	Jan. 1876	10	3	M	1.15 " "
July 1867	10	11	M	1.60 " "		10	6	M	1.33 " "
Jan. 1868	10	8	M	1.60 " "	Average	10	9	M	1.27 " "
July 1868	10	13	M	1.60 " "					
					July 1876	10	9	M	1.15 " "
Jan. 1869	10	2	M	1.50 " "		10	2	M	1.33 " "
	10	6	M	1.60 " "	Average	10	11	M	1.18½ " "
Average	10	8	M	1.57½ " "					
					Jan. 1877	10	6	M	1.00 " "
July 1869	10	2	M	1.50 " "		10	2	M	1.15 " "
	10	6	M	1.60 " "		10	2	M	1.33 " "
Average	10	8	M	1.57½ " "	Average	10	10	M	1.09½ " "
Jan. 1870	10	2	M	1.50 " "					
	10	6	M	1.60 " "					
Average	10	8	M	1.57½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

LABORERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1877	10	8	M	$1.00 per day.
	10	2	M	1.15 " "
	10	2	M	1.33 " "
Average	10	12	M	1.08 " "
Jan. 1878	10	6	M	1.00 " "
	10	2	M	1.15 " "
	10	1	M	1.33 " "
Average	10	9	M	1.07 " "
July 1878	10	6	M	1.00 " "
	10	2	M	1.15 " "
	10	1	M	1.33 " "
Average	10	9	M	1.07 " "
Jan. 1879	10	6	M	1.00 " "
	10	2	M	1.15 " "
Average	10	8	M	1.03½ " "
July 1879	10	6	M	1.00 " "
	10	2	M	1.15 " "
Average	10	8	M	1.03½ " "
Jan. 1880	10	7	M	1.00 " "
	10	1	M	1.15 " "
Average	10	8	M	1.02 " "
July 1880	10	8	M	1.12 " "
	10	2	M	1.15 " "
Average	10	10	M	1.12½ " "
Jan. 1881	10	4	M	1.20 " "
	10	8	M	1.25 " "
Average	10	12	M	1.23½ " "
July 1881	10	4	M	1.20 " "
	10	8	M	1.25 " "
Average	10	12	M	1.23½ " "
Jan. 1882	10	5	M	1.20 " "
	10	8	M	1.25 " "
Average	10	13	M	1.23 " "
July 1882	10	4	M	1.20 " "
	10	5	M	1.25 " "
Average	10	9	M	1.23 " "
Jan. 1883	10	4	M	1.20 " "
	10	5	M	1.25 " "
Average	10	9	M	1.23 " "
July 1883	10	4	M	1.20 " "
	10	5	M	1.25 " "
Average	10	9	M	1.23 " "
Jan. 1884	10	4	M	1.20 " "
	10	5	M	1.25 " "
Average	10	9	M	1.23 " "
July 1884	10	3	M	1.20 " "
	10	5	M	1.25 " "
Average	10	8	M	1.23 " "
Jan. 1885	10	3	M	$1.20 per day.
	10	5	M	1.25 " "
Average	10	8	M	1.23 " "
July 1885	10	10	M	1.20 " "
	10	6	M	1.25 " "
Average	10	16	M	1.22 " "
Jan. 1886	10	10	M	1.20 " "
	10	6	M	1.25 " "
Average	10	16	M	1.22 " "
July 1886	10	10	M	1.20 " "
	10	6	M	1.25 " "
Average	10	16	M	1.22 " "
Jan. 1887	10	7	M	1.20 " "
	10	3	M	1.25 " "
	10	2	M	1.50 " "
Average	10	12	M	1.26½ " "
July 1887	10	7	M	1.20 " "
	10	3	M	1.25 " "
	10	2	M	1.50 " "
Average	10	12	M	1.26½ " "
Jan. 1888	10	8	M	1.20 " "
	10	4	M	1.25 " "
	10	2	M	1.50 " "
Average	10	14	M	1.25½ " "
July 1888	10	7	M	1.20 " "
	10	3	M	1.25 " "
	10	2	M	1.50 " "
Average	10	12	M	1.26½ " "
Jan. 1889	10	6	M	1.20 " "
	10	3	M	1.25 " "
	10	2	M	1.50 " "
Average	10	11	M	1.27 " "
July 1889	10	6	M	1.20 " "
	10	3	M	1.25 " "
	10	2	M	1.50 " "
Average	10	11	M	1.27 " "
Jan. 1890	10	6	M	1.20 " "
	10	3	M	1.25 " "
	10	2	M	1.50 " "
Average	10	11	M	1.27 " "
July 1890	10	6	M	1.20 " "
	10	3	M	1.25 " "
	10	2	M	1.50 " "
Average	10	11	M	1.27 " "
Jan. 1891	10	8	M	1.20 " "
	10	2	M	1.50 " "
Average	10	10	M	1.26 " "
July 1891	10	8	M	1.20 " "
	10	2	M	1.50 " "
Average	10	10	M	1.26 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

MACHINISTS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1855	10	5	M	$1.50 per day.
	10	6	M	1.67 " "
	10	3	M	1.83½ " "
Average	10	14	M	1.64½ " "
Jan. 1856	10	7	M	1.50 " "
	10	7	M	1.67 " "
	10	1	M	1.83½ " "
Average	10	15	M	1.60 " "
July 1856	10	6	M	1.50 " "
	10	7	M	1.67 " "
	10	3	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	18	M	1.67½ " "
Jan. 1857	10	3	M	1.50 " "
	10	6	M	1.67 " "
	10	3	M	1.75 " "
	10	2	M	1.83½ " "
	10	3	M	2.00 " "
Average	10	17	M	1.73 " "
July 1857	10	6	M	1.50 " "
	10	5	M	1.67 " "
	10	2	M	1.75 " "
	10	1	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	16	M	1.67 " "
Jan. 1858	10	6	M	1.50 " "
	10	7	M	1.67 " "
	10	2	M	1.75 " "
	10	3	M	2.00 " "
Average	10	18	M	1.67½ " "
July 1858	10	3	M	1.50 " "
	10	2	M	1.67 " "
	10	2	M	1.75 " "
	10	2	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	10	M	1.70 " "
Jan. 1859	10	6	M	1.50 " "
	10	5	M	1.67 " "
	10	1	M	1.75 " "
	10	2	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	16	M	1.67½ " "
July 1859	10	8	M	1.50 " "
	10	6	M	1.67 " "
	10	1	M	1.75 " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	17	M	1.62½ " "
Jan. 1860	10	7	M	1.50 " "
	10	6	M	1.67 " "
	10	1	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	16	M	1.64½ " "
July 1860	10	10	M	1.50 " "
	10	5	M	1.67 " "
	10	1	M	1.75 " "
July 1860–cone'd.	10	1	M	$1.83½ per day.
	10	3	M	2.00 " "
Average	10	20	M	1.64½ " "
Jan. 1861	10	4	M	1.50 " "
	10	4	M	1.67 " "
	10	1	M	1.75 " "
	10	1	M	1.83½ " "
	10	2	M	2.00 " "
Average	10	12	M	1.69 " "
July 1861	10	2	M	1.42 " "
	10	5	M	1.50 " "
	10	1	M	2.00 " "
Average	10	8	M	1.54½ " "
Jan. 1862	10	1	M	1.25 " "
	10	3	M	1.50 " "
	10	2	M	1.67 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	9	M	1.62 " "
July 1862	10	1	M	1.42 " "
	10	3	M	1.50 " "
	10	4	M	1.67 " "
	10	2	M	1.75 " "
	10	2	M	2.00 " "
Average	10	12	M	1.67½ " "
Jan. 1863	10	3	M	1.42 " "
	10	2	M	1.75 " "
	10	7	M	1.83 " "
	10	3	M	1.92 " "
	10	7	M	2.00 " "
Average	10	22	M	1.83½ " "
July 1863	10	4	M	1.67 " "
	10	8	M	1.75 " "
	10	4	M	1.92 " "
	10	8	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
Average	10	27	M	1.91 " "
Jan. 1864	10	7	M	1.83 " "
	10	11	M	2.00 " "
	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	24	M	2.05½ " "
July 1864	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	7	M	2.50 " "
	10	9	M	2.75 " "
	10	1	M	3.00 " "
Average	10	20	M	2.57½ " "
Jan. 1865	10	1	M	2.00 " "
	10	5	M	2.25 " "
	10	6	M	2.50 " "
	10	3	M	2.75 " "
	10	13	M	3.00 " "
Average	10	28	M	2.69½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1865	10	5	M	$2.25 per day.
	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	12	M	3.00 " "
Average	10	22	M	2.75 " "
Jan. 1866	10	15	M	2.50 " "
	10	18	M	2.75 " "
	10	12	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	47	M	2.77½ " "
July 1866	10	7	M	2.50 " "
	10	11	M	2.75 " "
	10	10	M	3.00 " "
Average	10	28	M	2.77½ " "
Jan. 1867	10	8	M	2.50 " "
	10	7	M	2.75 " "
	10	12	M	3.00 " "
Average	10	27	M	2.78½ " "
July 1867	10	5	M	2.50 " "
	10	3	M	2.75 " "
	10	10	M	3.00 " "
Average	10	18	M	2.82 " "
Jan. 1868	10	6	M	2.50 " "
	10	3	M	2.75 " "
	10	11	M	3.00 " "
Average	10	20	M	2.81⅛ " "
July 1868	10	8	M	2.50 " "
	10	5	M	2.75 " "
	10	9	M	3.00 " "
Average	10	22	M	2.76 " "
Jan. 1869	10	4	M	2.50 " "
	10	4	M	2.75 " "
	10	10	M	3.00 " "
Average	10	18	M	2.83½ " "
July 1869	10	6	M	2.25 " "
	10	5	M	2.50 " "
	10	3	M	2.75 " "
	10	9	M	3.00 " "
Average	10	23	M	2.66⅔ " "
Jan. 1870	10	12	M	2.25 " "
	10	9	M	2.50 " "
	10	3	M	2.75 " "
	10	8	M	3.00 " "
Average	10	32	M	2.55½ " "
July 1870	10	9	M	2.25 " "
	10	8	M	2.50 " "
	10	6	M	2.75 " "
	10	8	M	3.00 " "
Average	10	31	M	2.60½ " "
Jan. 1871	10	5	M	2.25 " "
	10	2	M	2.35 " "
	10	7	M	2.50 " "
Jan. 1871–conc'd.	10	6	M	$2.75 per day.
	10	8	M	3.00 " "
Average	10	28	M	2.64 " "
July 1871	10	9	M	2.25 " "
	10	7	M	2.50 " "
	10	7	M	2.75 " "
	10	8	M	3.00 " "
Average	10	31	M	2.61½ " "
Jan. 1872	10	8	M	2.25 " "
	10	9	M	2.50 " "
	10	7	M	2.75 " "
	10	8	M	3.00 " "
Average	10	32	M	2.61½ " "
July 1872	10	7	M	2.25 " "
	10	6	M	2.75 " "
	10	7	M	3.00 " "
Average	10	20	M	2.66½ " "
Jan. 1873	10	6	M	2.25 " "
	10	7	M	2.50 " "
	10	6	M	2.75 " "
	10	8	M	3.00 " "
Average	10	27	M	2.65 " "
July 1873	10	6	M	2.25 " "
	10	5	M	2.50 " "
	10	5	M	2.75 " "
	10	8	M	3.00 " "
Average	10	24	M	2.65½ " "
Jan. 1874	10	6	M	2.25 " "
	10	5	M	2.50 " "
	10	5	M	2.75 " "
	10	8	M	3.00 " "
Average	10	24	M	2.65½ " "
July 1874	10	5	M	2.25 " "
	10	5	M	2.50 " "
	10	5	M	2.75 " "
	10	8	M	3.00 " "
Average	10	23	M	2.67½ " "
Jan. 1875	10	3	M	2.25 " "
	10	9	M	2.50 " "
	10	7	M	2.75 " "
Average	10	19	M	2.55½ " "
July 1875	10	3	M	2.25 " "
	10	9	M	2.50 " "
	10	7	M	2.75 " "
Average	10	19	M	2.55½ " "
Jan. 1876	10	5	M	2.25 " "
	10	11	M	2.50 " "
	10	6	M	2.75 " "
Average	10	22	M	2.51 " "
July 1876	10	4	M	2.25 " "
	10	8	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1876–concl'd.	10	2	M	$2.75 per day.
Average	10	14	M	2.46½ " "
Jan. 1877	10	4	M	2.00 " "
	10	4	M	2.25 " "
	10	8	M	2.50 " "
Average	10	16	M	2.31½ " "
July 1877	10	4	M	2.00 " "
	10	4	M	2.25 " "
	10	8	M	2.50 " "
Average	10	16	M	2.31½ " "
Jan. 1878	10	4	M	2.00 " "
	10	3	M	2.25 " "
	10	8	M	2.50 " "
Average	10	15	M	2.31½ " "
July 1878	10	4	M	2.00 " "
	10	3	M	2.25 " "
	10	8	M	2.50 " "
Average	10	15	M	2.31½ " "
Jan. 1879	10	3	M	2.00 " "
	10	4	M	2.25 " "
	10	7	M	2.50 " "
Average	10	14	M	2.32 " "
July 1879	10	4	M	2.00 " "
	10	4	M	2.25 " "
	10	7	M	2.50 " "
Average	10	15	M	2.30 " "
Jan. 1880	10	2	M	2.00 " "
	10	4	M	2.25 " "
	10	6	M	2.50 " "
	10	1	M	3.00 " "
Average	10	13	M	2.38½ " "
July 1880	10	3	M	2.33 " "
	10	6	M	2.50 " "
	10	7	M	2.75 " "
	10	1	M	3.00 " "
Average	10	17	M	2.60 " "
Jan. 1881	10	13	M	2.50 " "
	10	2	M	2.67 " "
	10	7	M	2.75 " "
	10	2	M	3.00 " "
Average	10	24	M	2.63 " "
July 1881	10	15	M	2.50 " "
	10	2	M	2.67 " "
	10	7	M	2.75 " "
	10	2	M	3.00 " "
Average	10	26	M	2.62 " "
Jan. 1882	10	10	M	2.50 " "
	10	2	M	2.67 " "
	10	7	M	2.75 " "
	10	2	M	3.00 " "
Average	10	21	M	2.64½ " "
July 1882	10	6	M	$2.50 per day.
	10	2	M	2.67 " "
	10	6	M	2.75 " "
	10	2	M	3.00 " "
Average	10	16	M	2.67½ " "
Jan. 1883	10	7	M	2.50 " "
	10	2	M	2.67 " "
	10	6	M	2.75 " "
	10	2	M	3.00 " "
Average	10	17	M	2.66½ " "
July 1883	10	8	M	2.50 " "
	10	2	M	2.67 " "
	10	7	M	2.75 " "
	10	2	M	3.00 " "
Average	10	19	M	2.66½ " "
Jan. 1884	10	6	M	2.50 " "
	10	2	M	2.67 " "
	10	6	M	2.75 " "
	10	3	M	3.00 " "
Average	10	17	M	2.69½ " "
July 1884	10	7	M	2.25 " "
	10	6	M	2.50 " "
	10	8	M	2.75 " "
	10	3	M	3.00 " "
Average	10	24	M	2.57½ " "
Jan. 1885	10	8	M	2.25 " "
	10	6	M	2.50 " "
	10	8	M	2.75 " "
	10	3	M	3.00 " "
Average	10	25	M	2.56 " "
July 1885	10	8	M	2.25 " "
	10	6	M	2.50 " "
	10	7	M	2.75 " "
	10	2	M	3.00 " "
Average	10	23	M	2.53½ " "
Jan. 1886	10	8	M	2.25 " "
	10	6	M	2.50 " "
	10	7	M	2.75 " "
	10	3	M	3.00 " "
Average	10	24	M	2.55 " "
July 1886	10	10	M	2.25 " "
	10	6	M	2.50 " "
	10	7	M	2.75 " "
	10	3	M	3.00 " "
Average	10	26	M	2.53 " "
Jan. 1887	10	9	M	2.25 " "
	10	8	M	2.50 " "
	10	8	M	2.75 " "
	10	3	M	3.00 " "
Average	10	28	M	2.54½ " "
July 1887	10	8	M	2.25 " "
	10	10	M	2.50 " "
	10	6	M	2.75 " "
	10	3	M	3.00 " "
Average	10	27	M	2.53½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1888	10	9	M	$2.25 per day.	Jan. 1890	10	9	M	$2.25 per day.
	10	9	M	2.50 " "		10	9	M	2.50 " "
	10	6	M	2.75 " "		10	7	M	2.75 " "
	10	3	M	3.00 " "		10	4	M	3.00 " "
Average	10	27	M	2.53 " "	Average	10	29	M	2.55 " "
July 1888	10	10	M	2.25 " "	July 1890	10	10	M	2.25 " "
	10	9	M	2.50 " "		10	10	M	2.50 " "
	10	7	M	2.75 " "		10	8	M	2.75 " "
	10	3	M	3.00 " "		10	5	M	3.00 " "
Average	10	29	M	2.52½ " "	Average	10	33	M	2.56 " "
Jan. 1889	10	9	M	2.25 " "	Jan. 1891	10	9	M	2.25 " "
	10	9	M	2.50 " "		10	9	M	2.50 " "
	10	7	M	2.75 " "		10	8	M	2.75 " "
	10	5	M	3.00 " "		10	4	M	3.00 " "
Average	10	30	M	2.56½ " "	Average	10	30	M	2.56 " "
July 1889	10	8	M	2.25 " "	July 1891	10	11	M	2.25 " "
	10	9	M	2.50 " "		10	12	M	2.50 " "
	10	8	M	2.75 " "		10	8	M	2.75 " "
	10	4	M	3.00 " "		10	6	M	3.00 " "
Average	10	29	M	2.57 " "	Average	10	37	M	2.56 " "

MOULDERS.

July 1855	10	3	M	1.67 per day.	Jan. 1859	10	1	M	1.67 per day.
	10	1	M	2.00 " "		10	1	M	1.75 " "
	10	1	M	2.17 " "		10	3	M	2.00 " "
Average	10	5	M	1.83⅓ " "	Average	10	5	M	1.88½ " "
Jan. 1856	10	2	M	1.67 " "	July 1859	10	3	M	1.67 " "
	10	2	M	2.00 " "		10	1	M	1.75 " "
	10	2	M	2.17 " "		10	4	M	2.00 " "
Average	10	6	M	1.94½ " "	Average	10	8	M	1.84½ " "
July 1856	10	3	M	1.67 " "	Jan. 1860	10	2	M	1.67 " "
	10	2	M	1.75 " "		10	3	M	2.00 " "
	10	3	M	2.00 " "	Average	10	5	M	1.87 " "
Average	10	8	M	1.81½ " "	July 1860	10	2	M	1.67 " "
Jan. 1857	10	2	M	1.67 " "		10	3	M	2.00 " "
	10	1	M	1.75 " "	Average	10	5	M	1.87 " "
	10	3	M	2.00 " "	Jan. 1861	10	1	M	1.75 " "
Average	10	6	M	1.85 " "		10	3	M	2.00 " "
July 1857	10	3	M	1.67 " "	Average	10	4	M	1.93½ " "
	10	2	M	1.75 " "	July 1861	10	1	M	1.50 " "
	10	3	M	2.00 " "		10	1	M	2.00 " "
Average	10	8	M	1.81½ " "	Average	10	2	M	1.75 " "
Jan. 1858	10	3	M	1.67 " "	Jan. 1862	10	1	M	2.00 " "
	10	3	M	1.75 " "					
	10	4	M	2.00 " "	July 1862	10	1	M	1.67 " "
Average	10	10	M	1.82½ " "		10	3	M	1.75 " "
July 1858	10	2	M	1.67 " "		10	1	M	2.25 " "
	10	1	M	1.75 " "					
	10	3	M	2.00 " "					
Average	10	6	M	1.85 " "	Average	10	5	M	1.83½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1863	10	2	M	$1.75 per day.
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	4	M	1.93½ " "
July 1863	10	4	M	1.83 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	6	M	1.93 " "
Jan. 1864	10	4	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	6	M	2.12½ " "
July 1864	10	11	M	2.00 " "
	10	2	M	2.33 " "
	10	4	M	2.67 " "
	10	1	M	3.00 " "
Average	10	18	M	2.24 " "
Jan. 1865	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	4	M	2.67 " "
Average	10	9	M	2.52 " "
July 1865	10	1	M	2.33 " "
	10	2	M	2.50 " "
	10	2	M	2.67 " "
Average	10	5	M	2.53½ " "
Jan. 1866	10	6	M	2.50 " "
	10	7	M	2.67 " "
	10	2	M	3.00 " "
Average	10	15	M	2.64½ " "
July 1866	10	4	M	2.50 " "
	10	5	M	2.67 " "
	10	1	M	3.00 " "
Average	10	10	M	2.63½ " "
Jan. 1867	10	5	M	2.50 " "
	10	6	M	2.67 " "
	10	1	M	3.00 " "
Average	10	12	M	2.62½ " "
July 1867	10	4	M	2.50 " "
	10	3	M	2.67 " "
	10	1	M	3.00 " "
Average	10	8	M	2.62½ " "
Jan. 1868	10	3	M	2.50 " "
	10	3	M	2.67 " "
	10	1	M	3.00 " "
Average	10	7	M	2.64½ " "
July 1868	10	3	M	2.50 " "
	10	3	M	2.67 " "
	10	1	M	3.00 " "
Average	10	7	M	2.64½ " "
Jan. 1869	10	2	M	$2.50 per day.
	10	4	M	2.67 " "
	10	1	M	3.00 " "
Average	10	7	M	2.67 " "
July 1869	10	2	M	2.50 " "
	10	3	M	2.67 " "
	10	1	M	3.00 " "
Average	10	6	M	2.67 " "
Jan. 1870	10	5	M	2.50 " "
	10	2	M	2.67 " "
	10	1	M	3.33 " "
Average	10	8	M	2.64½ " "
July 1870	10	2	M	2.50 " "
	10	2	M	2.67 " "
	10	1	M	3.33 " "
Average	10	5	M	2.73½ " "
Jan. 1871	10	1	M	2.50 " "
	10	2	M	2.67 " "
	10	1	M	3.33 " "
Average	10	4	M	2.79½ " "
July 1871	10	4	M	2.50 " "
	10	2	M	2.67 " "
	10	1	M	3.33 " "
Average	10	7	M	2.66½ " "
Jan. 1872	10	5	M	2.50 " "
	10	4	M	2.67 " "
	10	1	M	3.33 " "
Average	10	10	M	2.65 " "
July 1872	10	4	M	2.50 " "
	10	3	M	2.67 " "
	10	1	M	3.33 " "
Average	10	8	M	2.66½ " "
Jan. 1873	10	4	M	2.50 " "
	10	3	M	2.67 " "
	10	1	M	3.33 " "
Average	10	8	M	2.66½ " "
July 1873	10	4	M	2.50 " "
	10	3	M	2.67 " "
	10	1	M	3.33 " "
Average	10	8	M	2.66½ " "
Jan. 1874	10	4	M	2.50 " "
	10	3	M	2.67 " "
	10	1	M	3.33 " "
Average	10	8	M	2.66½ " "
July 1874	10	4	M	2.50 " "
	10	3	M	2.67 " "
	10	1	M	3.33 " "
Average	10	8	M	2.66½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1875	10	3	M	$2.25 per day.
	10	3	M	2.50 " "
	10	1	M	3.00 " "
Average	10	7	M	2.46½ " "
July 1875	10	3	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	3.00 " "
Average	10	7	M	2.46½ " "
Jan. 1876	10	6	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	3.00 " "
Average	10	10	M	2.40 " "
July 1876	10	4	M	2.00 " "
	10	5	M	2.25 " "
	10	1	M	3.00 " "
Average	10	10	M	2.22½ " "
Jan. 1877	10	5	M	2.00 " "
	10	4	M	2.25 " "
	10	1	M	2.50 " "
Average	10	10	M	2.15 " "
July 1877	10	5	M	2.00 " "
	10	4	M	2.25 " "
	10	1	M	2.50 " "
Average	10	10	M	2.15 " "
Jan. 1878	10	4	M	2.00 " "
	10	4	M	2.25 " "
	10	1	M	2.50 " "
Average	10	9	M	2.16½ " "
July 1878	10	4	M	2.00 " "
	10	4	M	2.25 " "
	10	1	M	2.50 " "
Average	10	9	M	2.16½ " "
Jan. 1879	10	4	M	2.00 " "
	10	5	M	2.25 " "
	10	1	M	2.50 " "
Average	10	10	M	2.17½ " "
July 1879	10	4	M	2.00 " "
	10	6	M	2.25 " "
	10	1	M	2.50 " "
Average	10	11	M	2.18 " "
Jan. 1880	10	5	M	2.00 " "
	10	6	M	2.25 " "
	10	2	M	2.50 " "
Average	10	13	M	2.19 " "
July 1880	10	10	M	2.25 " "
	10	1	M	2.33 " "
	10	1	M	2.75 " "
Average	10	12	M	2.30 " "
Jan. 1881	10	10	M	2.25 " "
	10	9	M	2.50 " "
Jan. 1881–conc'd.	10	1	M	$2.75 per day.
	10	1	M	3.50 " "
Average	10	21	M	2.44 " "
July 1881	10	11	M	2.25 " "
	10	6	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	20	M	2.45 " "
Jan. 1882	10	12	M	2.25 " "
	10	8	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	22	M	2.40 " "
July 1882	10	10	M	2.25 " "
	10	7	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	21	M	2.44 " "
Jan. 1883	10	12	M	2.25 " "
	10	8	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	24	M	2.42½ " "
July 1883	10	10	M	2.25 " "
	10	8	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
Average	10	23	M	2.46½ " "
Jan. 1884	10	11	M	2.25 " "
	10	2	M	2.42 " "
	10	7	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
Average	10	25	M	2.45½ " "
July 1884	10	10	M	2.25 " "
	10	2	M	2.42 " "
	10	7	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
Average	10	24	M	2.47½ " "
Jan. 1885	10	12	M	2.25 " "
	10	15	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
Average	10	32	M	2.47 " "
July 1885	10	10	M	2.25 " "
	10	10	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	25	M	2.47½ " "
Jan. 1886	10	11	M	2.25 " "
	10	10	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

MOULDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886–conc'd.	10	2	M	$2.75 per day.
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	26	M	2.46½ " "
July 1886	10	12	M	2.25 " "
	10	12	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	29	M	2.46 " "
Jan. 1887	10	9	M	2.25 " "
	10	13	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	28	M	2.49½ " "
July 1887	10	10	M	2.25 " "
	10	15	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	30	M	2.48 " "
Jan. 1888	10	12	M	2.25 " "
	10	10	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	29	M	2.48 " "
July 1888	10	13	M	2.25 " "
	10	10	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	30	M	2.47 " "
Jan. 1889	10	12	M	$2.25 per day.
	10	9	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	27	M	2.46½ " "
July 1889	10	11	M	2.25 " "
	10	10	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	28	M	2.48½ " "
Jan. 1890	10	10	M	2.25 " "
	10	9	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	26	M	2.49½ " "
July 1890	10	11	M	2.25 " "
	10	12	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	30	M	2.48½ " "
Jan. 1891	10	12	M	2.25 " "
	10	9	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	26	M	2.45½ " "
July 1891	10	14	M	2.25 " "
	10	10	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	2.87 " "
	10	2	M	3.00 " "
Average	10	30	M	2.45½ " "

PAINTERS.

July 1859	10	5	M	1.50 per day.
	10	3	M	1.67 " "
Average	10	8	M	1.56½ " "
Jan. 1860	10	5	M	1.50 " "
	10	3	M	1.67 " "
Average	10	8	M	1.56½ " "
July 1860	10	2	M	1.50 " "
	10	1	M	1.67 " "
Average	10	3	M	1.55½ " "
Jan. 1861	10	1	M	1.67 " "
July 1861	10	1	M	1.17 " "
Jan. 1862	10	1	M	1.17 " "
July 1862	10	1	M	1.17 " "
Jan. 1863	10	1	M	1.67 " "
July 1863	10	2	M	1.67 per day.
	10	2	M	1.75 " "
Average	10	4	M	1.71 " "
Jan. 1864	10	1	M	1.50 " "
Jan. 1865	10	1	M	2.25 " "
July 1865	10	1	M	2.50 " "
Jan. 1866	10	1	M	2.50 " "
July 1866	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	3	M	2.66½ " "
Jan. 1867	10	2	M	2.50 " "
July 1867	10	1	M	2.50 " "
Jan. 1868	10	1	M	2.50 " "
July 1868	10	1	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

PAINTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	10	1	M	$2.50 per day.	July 1882	10	1	M	$1.75 per day.
July 1869	10	1	M	2.50 " "	Jan. 1883	10	1	M	1.75 " "
Jan. 1870	10	1	M	2.50 " "	July 1883	10	1	M	1.75 " "
July 1870	10	1	M	2.50 " "	Jan. 1884	10	1	M	1.75 " "
Jan. 1871	10	1	M	2.50 " "	July 1884	10	1	M	1.75 " "
July 1871	10	1	M	2.50 " "	Jan. 1885	10	1	M	1.75 " "
Jan. 1872	10	1	M	2.50 " "	July 1885	10	1	M	1.75 " "
July 1872	10	1	M	2.50 " "	Jan. 1886	10	1	M	1.75 " "
Jan. 1873	10	1	M	2.50 " "	July 1886	10	1	M	1.75 " "
July 1873	10	1	M	2.50 " "	Jan. 1887	10	1	M	1.75 " "
Jan. 1874	10	1	M	2.50 " "	July 1887	10	1	M	1.75 " "
July 1874	10	1	M	2.50 " "	Jan. 1888	10	1	M	1.75 " "
Jan. 1875	10	1	M	2.25 " "	July 1888	10	1	M	1.75 " "
July 1875	10	1	M	2.00 " "	Jan. 1889	10	1	M	1.75 " "
July 1878	10	1	M	1.75 " "	July 1889	10	1	M	2.00 " "
Jan. 1880	10	1	M	1.75 " "	Jan. 1890	10	1	M	2.00 " "
July 1880	10	1	M	1.75 " "	July 1890	10	1	M	2.00 " "
Jan. 1881	10	1	M	1.75 " "	Jan. 1891	10	1	M	2.00 " "
July 1881	10	1	M	1.75 " "	July 1891	10	1	M	2.00 " "
Jan. 1882	10	1	M	1.75 " "					

PATTERNMAKERS.

July 1855	10	8	M	1.50 per day.	July 1859	10	4	M	1.50 per day.
	10	1	M	2.00 " "		10	3	M	1.67 " "
						10	1	M	2.00 " "
Average	10	9	M	1.55½ " "	Average	10	8	M	1.62½ " "
Jan. 1856	10	8	M	1.50 " "					
	10	2	M	1.67 " "	Jan. 1860	10	10	M	1.50 " "
	10	1	M	2.00 " "		10	6	M	1.67 " "
						10	1	M	2.50 " "
Average	10	11	M	1.57½ " "	Average	10	17	M	1.62 " "
July 1856	10	6	M	1.50 " "					
	10	1	M	1.67 " "	July 1860	10	6	M	1.50 " "
	10	1	M	2.00 " "		10	4	M	1.67 " "
						10	1	M	2.50 " "
Average	10	8	M	1.58½ " "	Average	10	11	M	1.65½ " "
Jan. 1857	10	5	M	1.50 " "					
	10	3	M	1.67 " "	Jan. 1861	10	3	M	1.50 " "
	10	1	M	1.75 " "		10	3	M	1.67 " "
	10	1	M	2.00 " "		10	1	M	2.50 " "
Average	10	10	M	1.62½ " "	Average	10	7	M	1.71½ " "
July 1857	10	8	M	1.50 " "					
	10	4	M	1.67 " "	July 1861	10	1	M	1.33 " "
	10	2	M	2.00 " "		10	1	M	1.42 " "
	10	1	M	2.50 " "		10	2	M	1.50 " "
Average	10	15	M	1.68 " "	Average	10	4	M	1.43½ " "
Jan. 1858	10	7	M	1.50 " "					
	10	3	M	1.67 " "	Jan. 1862	10	1	M	1.33 " "
	10	1	M	2.00 " "		10	1	M	1.50 " "
	10	1	M	2.50 " "		10	1	M	2.00 " "
Average	10	12	M	1.66½ " "	Average	10	3	M	1.61 " "
July 1858	10	3	M	1.50 " "	July 1862	10	1	M	1.33 " "
	10	3	M	1.67 " "		10	4	M	1.50 " "
	10	1	M	2.50 " "		10	1	M	2.25 " "
Average	10	7	M	1.71½ " "	Average	10	6	M	1.59½ " "
Jan. 1859	10	3	M	1.50 " "	Jan. 1863	10	7	M	1.50 " "
	10	3	M	1.67 " "		10	3	M	1.67 " "
	10	1	M	2.50 " "		10	1	M	3.00 " "
Average	10	7	M	1.71½ " "	Average	10	11	M	1.68½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1863	10	5	M	$1.67 per day.
	10	4	M	1.75 " "
	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	11	M	1.87½ " "
Jan. 1864	10	6	M	1.67 " "
	10	4	M	1.75 " "
	10	3	M	1.83 " "
	10	2	M	1.92 " "
	10	1	M	2.25 " "
	10	1	M	4.00 " "
Average	10	17	M	1.92 " "
July 1864	10	1	M	1.83 " "
	10	1	M	1.92 " "
	10	4	M	2.00 " "
	10	6	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	3.50 " "
Average	10	15	M	2.25 " "
Jan. 1865	10	7	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	4.00 " "
Average	10	12	M	2.48 " "
July 1865	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	4.00 " "
Average	10	12	M	2.60½ " "
Jan. 1866	10	2	M	2.50 " "
	10	5	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	4.00 " "
Average	10	10	M	2.87½ " "
July 1866	10	2	M	2.67 " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	4.00 " "
Average	10	9	M	2.92½ " "
Jan. 1867	10	3	M	2.50 " "
	10	8	M	2.75 " "
	10	1	M	4.00 " "
Average	10	12	M	2.79 " "
July 1867	10	2	M	2.50 " "
	10	6	M	2.75 " "
	10	1	M	4.00 " "
Average	10	9	M	2.83½ " "
Jan. 1868	10	2	M	2.50 " "
	10	5	M	2.75 " "
	10	1	M	4.00 " "
Average	10	8	M	2.84½ " "
July 1868	10	4	M	2.50 " "
	10	5	M	2.75 " "
	10	1	M	4.00 " "
Average	10	10	M	2.77½ " "
Jan. 1869	10	3	M	$2.50 per day.
	10	5	M	2.75 " "
	10	2	M	3.00 " "
	10	2	M	4.00 " "
Average	10	12	M	2.93½ " "
July 1869	10	3	M	2.50 " "
	10	6	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	4.00 " "
Average	10	12	M	2.83½ " "
Jan. 1870	10	4	M	2.50 " "
	10	2	M	2.75 " "
	10	5	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	13	M	2.92½ " "
July 1870	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	4	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	11	M	2.97½ " "
Jan. 1871	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	10	M	2.97½ " "
July 1871	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	9	M	3.00 " "
Jan. 1872	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	9	M	3.00 " "
July 1872	10	3	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
Average	10	9	M	2.83½ " "
Jan. 1873	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
Average	10	8	M	2.84½ " "
July 1873	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
Average	10	8	M	2.87½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1874	10	2	M	$2.25 per day.
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
Average	10	8	M	2.81½ " "
July 1874	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
Average	10	8	M	2.87½ " "
Jan. 1875	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
Average	10	8	M	2.87½ " "
July 1875	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
Average	10	8	M	2.87½ " "
Jan. 1876	10	3	M	2.25 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
Average	10	12	M	2.68½ " "
July 1876	10	4	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.50 " "
Average	10	9	M	2.55½ " "
Jan. 1877	10	5	M	2.25 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
Average	10	12	M	2.52 " "
July 1877	10	5	M	2.25 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	11	M	2.47½ " "
Jan. 1878	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
Average	10	9	M	2.58½ " "
July 1878	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
Average	10	9	M	2.58½ " "
Jan. 1879	10	2	M	2.25 " "
	10	1	M	2.50 " "
Jan. 1879–cone'd.	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	5	M	2.55 " "
July 1879	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	5	M	2.55 " "
Jan. 1880	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	7	M	2.50 " "
July 1880	10	4	M	2.25 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.25 " "
Average	10	10	M	2.52½ " "
Jan. 1881	10	5	M	2.25 " "
	10	5	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.25 " "
Average	10	15	M	2.53½ " "
July 1881	10	5	M	2.25 " "
	10	5	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.25 " "
Average	10	15	M	2.53½ " "
Jan. 1882	10	3	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.25 " "
Average	10	9	M	2.78 " "
July 1882	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
Average	10	10	M	2.57½ " "
Jan. 1883	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	8	M	2.59½ " "
July 1883	10	3	M	2.25 " "
	10	3	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	10	M	2.55 " "
Jan. 1884	10	3	M	2.25 " "
	10	3	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
Average	10	11	M	2.57 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1884	10	6	M	$2.25 per day.	July 1888	10	3	M	$2.25 per day.
	10	4	M	2.75 " "		10	2	M	2.50 " "
						10	2	M	2.75 " "
Average	10	10	M	2.45 " "		10	1	M	3.00 " "
Jan. 1885	10	6	M	2.25 " "	Average	10	8	M	2.53 " "
	10	4	M	2.75 " "	Jan. 1889	10	3	M	2.25 " "
						10	3	M	2.50 " "
Average	10	10	M	2.45 " "		10	1	M	2.75 " "
July 1885	10	2	M	2.25 " "		10	1	M	3.00 " "
	10	2	M	2.50 " "					
	10	4	M	2.75 " "	Average	10	8	M	2.50 " "
Average	10	8	M	2.56½ " "	July 1889	10	3	M	2.25 " "
Jan. 1886	10	3	M	2.25 " "		10	2	M	2.50 " "
	10	2	M	2.50 " "		10	2	M	2.75 " "
	10	3	M	2.75 " "		10	1	M	3.00 " "
Average	10	8	M	2.50 " "	Average	10	8	M	2.53 " "
July 1886	10	3	M	2.25 " "	Jan. 1890	10	4	M	2.25 " "
	10	2	M	2.50 " "		10	2	M	2.50 " "
	10	3	M	2.75 " "		10	2	M	2.75 " "
						10	1	M	3.00 " "
Average	10	8	M	2.50 " "	Average	10	9	M	2.50 " "
Jan. 1887	10	2	M	2.25 " "	July 1890	10	2	M	2.25 " "
	10	2	M	2.50 " "		10	2	M	2.50 " "
	10	2	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	7	M	2.57 " "	Average	10	6	M	2.54 " "
July 1887	10	2	M	2.25 " "	Jan. 1891	10	2	M	2.25 " "
	10	2	M	2.50 " "		10	2	M	2.50 " "
	10	2	M	2.75 " "		10	2	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	7	M	2.57 " "	Average	10	7	M	2.57 " "
Jan. 1888	10	4	M	2.25 " "	July 1891	10	2	M	2.25 " "
	10	2	M	2.50 " "		10	2	M	2.50 " "
	10	2	M	2.75 " "		10	2	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	9	M	2.50 " "	Average	10	7	M	2.57 " "

TEAMSTERS.

Jan. 1855	10	2	M	1.00 per day.	Jan. 1857	10	2	M	1.00 per day.
	10	1	M	1.12 " "		10	1	M	1.12 " "
Average	10	3	M	1.04 " "	Average	10	3	M	1.04 " "
July 1855	10	2	M	1.00 " "	July 1857	10	2	M	1.00 " "
	10	1	M	1.12 " "		10	1	M	1.12 " "
Average	10	3	M	1.04 " "	Average	10	3	M	1.04 " "
Jan. 1856	10	2	M	1.00 " "	Jan. 1858	10	3	M	1.00 " "
	10	1	M	1.12 " "		10	1	M	1.12 " "
Average	10	3	M	1.04 " "	Average	10	4	M	1.03 " "
July 1856	10	2	M	1.00 " "	July 1858	10	2	M	1.00 " "
	10	1	M	1.12 " "		10	1	M	1.12 " "
Average	10	3	M	1.04 " "	Average	10	3	M	1.04 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

TEAMSTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1859	10	2	M	$1.00 per day.
	10	1	M	1.12 " "
Average	10	3	M	1.04 " "
July 1859	10	2	M	1.00 " "
	10	1	M	1.12 " "
Average	10	3	M	1.04 " "
Jan. 1860	10	3	M	.92 " "
	10	1	M	1.12 " "
Average	10	4	M	.97 " "
July 1860	10	2	M	.92 " "
	10	1	M	1.12 " "
Average	10	3	M	.98½ " "
Jan. 1861	10	3	M	.92 " "
	10	1	M	1.12 " "
Average	10	4	M	.97 " "
July 1861	10	3	M	.75 " "
	10	1	M	1.12 " "
Average	10	4	M	.84½ " "
Jan. 1862	10	1	M	.75 " "
	10	1	M	.87 " "
Average	10	2	M	.81 " "
July 1862	10	1	M	.83 " "
	10	1	M	1.00 " "
Average	10	2	M	.91½ " "
Jan. 1863	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	2	M	1.12½ " "
July 1863	10	2	M	1.15 " "
	10	1	M	1.25 " "
Average	10	3	M	1.18½ " "
Jan. 1864	10	2	M	1.25 " "
	10	1	M	1.33 " "
Average	10	3	M	1.27⅓ " "
July 1864	10	1	M	1.33 " "
	10	1	M	1.67 " "
Average	10	2	M	1.50 " "
Jan. 1865	10	3	M	1.50 " "
	10	1	M	1.67 " "
Average	10	4	M	1.54½ " "
July 1865	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
Jan. 1866	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
July 1866	10	3	M	$1.60 per day.
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
Jan. 1867	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
July 1867	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
Jan. 1868	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
July 1868	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
Jan. 1869	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
July 1869	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
Jan. 1870	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
July 1870	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
Jan. 1871	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
July 1871	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
Jan. 1872	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
July 1872	10	3	M	1.60 " "
	10	1	M	1.75 " "
Average	10	4	M	1.63½ " "
Jan. 1873	10	1	M	1.75 " "
July 1873	10	1	M	1.75 " "
Jan. 1874	10	1	M	1.75 " "
July 1874	10	1	M	1.75 " "
Jan. 1875	10	4	M	1.33 " "
July 1875	10	4	M	1.33 " "
Jan. 1876	10	4	M	1.33 " "
July 1876	10	2	M	1.33 " "
Jan. 1877	10	2	M	1.33 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Concluded.

TEAMSTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1877	10	2	M	$1.33 per day.	July 1889	10	1	M	$1.50 per day.
Jan. 1878	10	2	M	1.33 " "		10	1	M	1.67 " "
July 1878	10	2	M	1.33 " "					
Jan. 1879	10	2	M	1.33 " "	Average	10	2	M	1.58½ " "
July 1879	10	2	M	1.33 " "					
Jan. 1880	10	2	M	1.33 " "	Jan. 1890	10	1	M	1.50 " "
July 1880	10	2	M	1.33 " "		10	1	M	1.67 " "
Jan. 1881	10	2	M	1.33 " "					
July 1881	10	3	M	1.33 " "	Average	10	2	M	1.58½ " "
Jan. 1882	10	4	M	1.33 " "					
July 1882	10	2	M	1.33 " "					
Jan. 1883	10	2	M	1.33 " "					
July 1883	10	2	M	1.33 " "	July 1890	10	1	M	1.50 " "
Jan. 1884	10	2	M	1.33 " "		10	1	M	1.67 " "
July 1884	10	2	M	1.33 " "					
Jan. 1885	10	2	M	1.33 " "	Average	10	2	M	1.58½ " "
July 1885	10	2	M	1.50 " "					
Jan. 1886	10	3	M	1.50 " "					
July 1886	10	3	M	1.50 " "	Jan. 1891	10	1	M	1.50 " "
Jan. 1887	10	3	M	1.50 " "		10	1	M	1.67 " "
July 1887	10	3	M	1.50 " "					
Jan. 1888	10	3	M	1.50 " "	Average	10	2	M	1.58½ " "
July 1888	10	3	M	1.50 " "					
Jan. 1889	10	1	M	1.50 " "	July 1891	10	1	M	1.50 " "
	10	1	M	1.67 " "		10	1	M	1.67 " "
Average	10	2	M	1.58½ " "	Average	10	2	M	1.58½ " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS.

FOREMEN, FURNACEMEN.

July 1849	10	1	M	2.25 per day.	Jan. 1862	10	1	M	3.00 per day.
	10	2	M	2.50 " "	July 1862	10	1	M	3.00 " "
					Jan. 1863	10	1	M	3.00 " "
Average	10	3	M	2.41½ " "	July 1863	10	1	M	3.00 " "
					Jan. 1864	10	1	M	3.00 " "
Jan. 1850	10	1	M	2.25 " "	July 1864	10	1	M	3.50 " "
	10	2	M	2.50 " "	Jan. 1865	10	1	M	3.50 " "
					July 1865	10	1	M	3.00 " "
Average	10	3	M	2.41½ " "	Jan. 1866	10	1	M	3.00 " "
					July 1866	10	1	M	3.00 " "
July 1850	10	1	M	2.25 " "	Jan. 1867	10	1	M	3.50 " "
	10	2	M	2.50 " "	July 1867	10	1	M	3.50 " "
					Jan. 1868	10	1	M	3.50 " "
Average	10	3	M	2.41½ " "	July 1868	10	1	M	3.50 " "
					Jan. 1869	10	1	M	3.50 " "
Jan. 1851	10	2	M	2.50 " "	July 1869	10	1	M	3.50 " "
July 1851	10	2	M	2.50 " "	Jan. 1870	10	1	M	3.50 " "
Jan. 1852	10	1	M	2.50 " "	July 1870	10	1	M	3.50 " "
July 1852	10	1	M	2.50 " "	Jan. 1871	10	1	M	3.50 " "
Jan. 1853	10	1	M	2.50 " "	July 1871	10	1	M	3.50 " "
July 1853	10	1	M	2.50 " "	Jan. 1872	10	1	M	3.50 " "
Jan. 1854	10	1	M	2.75 " "	July 1872	10	1	M	3.50 " "
July 1854	10	1	M	2.75 " "					
Jan. 1855	10	1	M	2.75 " "	Jan. 1873	10	2	M	3.00 " "
July 1855	10	1	M	2.75 " "		10	1	M	3.50 " "
Jan. 1856	10	1	M	3.00 " "					
July 1856	10	1	M	3.00 " "	Average	10	3	M	3.16½ " "
Jan. 1857	10	1	M	3.00 " "					
July 1857	10	1	M	3.00 " "	July 1873	10	2	M	3.00 " "
Jan. 1858	10	1	M	3.00 " "		10	1	M	3.50 " "
July 1858	10	1	M	3.00 " "					
Jan. 1859	10	1	M	3.00 " "	Average	10	3	M	3.16½ " "
July 1859	10	1	M	3.00 " "					
Jan. 1860	10	1	M	3.00 " "	Jan. 1874	10	1	M	3.25 " "
July 1860	10	1	M	3.00 " "	July 1874	10	1	M	3.50 " "
Jan. 1861	10	1	M	3.00 " "	Jan. 1875	10	1	M	3.50 " "
July 1861	10	1	M	3.00 " "	July 1875	10	1	M	3.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

FOREMEN, FURNACEMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1876	10	1	M	$3.00 per day.	July 1881	10	1	M	$3.00 per day.
Jan. 1877	10	1	M	3.00 " "	July 1887	10	2	M	3.00 " "
July 1877	10	1	M	3.00 " "	July 1888	10	2	M	3.00 " "
Jan. 1878	10	1	M	3.00 " "	Jan. 1889	10	2	M	3.00 " "
July 1878	10	1	M	3.00 " "	July 1889	10	1	M	3.00 " "
Jan. 1879	10	1	M	3.00 " "	July 1890	10	1	M	3.50 " "
July 1880	10	1	M	3.00 " "	July 1891	10	1	M	3.00 " "
Jan. 1881	10	1	M	3.00 " "					

FOREMEN, MACHINISTS.

July 1849	10	1	M	2.50 per day.	Jan. 1858	10	5	M	2.50 per day.
Jan. 1850	10	1	M	2.50 " "		10	2	M	2.75 " "
July 1850	10	1	M	2.50 " "		10	1	M	3.00 " "
Jan. 1851	10	1	M	2.50 " "	Average	10	8	M	2.62½ " "
July 1851	10	1	M	2.50 " "					
Jan. 1852	10	3	M	2.50 " "	July 1858	10	3	M	2.50 " "
July 1852	10	4	M	2.50 " "		10	2	M	2.75 " "
Jan. 1853	10	5	M	2.50 " "		10	1	M	3.00 " "
July 1853	10	4	M	2.50 " "	Average	10	6	M	2.66⅔ " "
Jan. 1854	10	3	M	2.50 " "					
	10	1	M	2.75 " "	Jan. 1859	10	3	M	2.50 " "
Average	10	4	M	2.56½ " "		10	2	M	2.75 " "
						10	1	M	3.00 " "
July 1854	10	3	M	2.50 " "	Average	10	6	M	2.66⅔ " "
	10	1	M	2.75 " "					
Average	10	4	M	2.56½ " "	July 1859	10	3	M	2.50 " "
						10	2	M	2.75 " "
Jan. 1855	10	4	M	2.50 " "		10	1	M	3.00 " "
	10	1	M	2.75 " "	Average	10	6	M	2.66⅔ " "
Average	10	5	M	2.55 " "					
					Jan. 1860	10	4	M	2.50 " "
July 1855	10	4	M	2.50 " "		10	1	M	2.75 " "
	10	1	M	2.75 " "		10	2	M	3.00 " "
	10	1	M	3.00 " "	Average	10	7	M	2.68 " "
	10	1	M	3.83⅓ " "					
Average	10	7	M	2.80 " "	July 1860	10	4	M	2.50 " "
						10	1	M	2.75 " "
Jan. 1856	10	5	M	2.50 " "		10	3	M	3.00 " "
	10	2	M	2.75 " "	Average	10	8	M	2.72 " "
	10	1	M	3.00 " "					
	10	1	M	3.83⅓ " "	Jan. 1861	10	2	M	2.50 " "
Average	10	9	M	2.76 " "		10	1	M	2.75 " "
						10	3	M	3.00 " "
July 1856	10	4	M	2.50 " "	Average	10	6	M	2.79 " "
	10	1	M	2.75 " "					
	10	2	M	3.00 " "	July 1861	10	2	M	2.50 " "
	10	1	M	3.83⅓ " "		10	1	M	2.75 " "
Average	10	8	M	2.82½ " "		10	4	M	3.00 " "
					Average	10	7	M	2.82 " "
Jan. 1857	10	4	M	2.50 " "					
	10	1	M	2.75 " "	Jan. 1862	10	3	M	2.50 " "
	10	3	M	3.00 " "		10	6	M	3.00 " "
	10	1	M	3.83⅓ " "	Average	10	9	M	2.83½ " "
Average	10	9	M	2.84⅓ " "					
					July 1862	10	6	M	2.50 " "
July 1857	10	3	M	2.50 " "		10	5	M	3.00 " "
	10	2	M	2.75 " "					
	10	2	M	3.00 " "	Average	10	11	M	2.72⅞ " "
	10	1	M	3.83⅓ " "					
Average	10	8	M	2.85½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

FOREMEN, MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1863	10	8	M	$2.50 per day.
	10	2	M	3.00 " "
Average	10	10	M	2.60 " "
July 1863	10	8	M	2.50 " "
	10	1	M	2.75 " "
	10	5	M	3.00 " "
Average	10	14	M	2.69½ " "
Jan. 1864	10	1	M	2.75 " "
	10	3	M	3.00 " "
	10	2	M	3.50 " "
Average	10	6	M	3.12½ " "
July 1864	10	5	M	3.00 " "
	10	2	M	3.50 " "
Average	10	7	M	3.14½ " "
Jan. 1865	10	5	M	3.00 " "
	10	3	M	3.50 " "
	10	1	M	3.75 " "
	10	2	M	3.83½ " "
	10	1	M	4.00 " "
Average	10	12	M	3.41 " "
July 1865	10	5	M	3.00 " "
	10	3	M	3.50 " "
	10	1	M	3.75 " "
	10	1	M	3.83½ " "
	10	2	M	4.00 " "
Average	10	12	M	3.42½ " "
Jan. 1866	10	4	M	3.00 " "
	10	3	M	3.50 " "
	10	1	M	3.75 " "
	10	1	M	3.83½ " "
	10	1	M	4.00 " "
Average	10	10	M	3.41 " "
July 1866	10	1	M	3.75 " "
	10	1	M	3.83½ " "
	10	2	M	4.00 " "
	10	1	M	4.16½ " "
Average	10	5	M	3.95 " "
Jan. 1867	10	2	M	3.75 " "
	10	1	M	3.83½ " "
	10	3	M	4.00 " "
Average	10	6	M	3.89 " "
July 1867	10	2	M	3.75 " "
	10	1	M	3.83½ " "
	10	4	M	4.00 " "
	10	2	M	5.00 " "
Average	10	9	M	4.15 " "
Jan. 1868	10	1	M	3.75 " "
	10	1	M	3.83½ " "
	10	6	M	4.00 " "
	10	1	M	4.50 " "
	10	1	M	5.00 " "
Average	10	10	M	4.11 " "
July 1868	10	1	M	$3.75 per day.
	10	1	M	3.83½ " "
	10	4	M	4.00 " "
	10	1	M	4.50 " "
	10	1	M	5.00 " "
Average	10	8	M	4.13½ " "
Jan. 1869	10	1	M	3.75 " "
	10	1	M	3.83½ " "
	10	5	M	4.00 " "
	10	1	M	4.75 " "
Average	10	8	M	4.04 " "
July 1869	10	2	M	3.75 " "
	10	1	M	3.83½ " "
	10	4	M	4.00 " "
Average	10	7	M	3.90½ " "
Jan. 1870	10	2	M	3.75 " "
	10	1	M	3.83½ " "
	10	2	M	4.00 " "
Average	10	5	M	3.86½ " "
July 1870	10	1	M	3.75 " "
	10	1	M	3.83½ " "
	10	1	M	4.00 " "
Average	10	3	M	3.86 " "
Jan. 1871	10	1	M	3.75 " "
	10	1	M	3.83½ " "
	10	1	M	4.00 " "
Average	10	3	M	3.86 " "
July 1871	10	1	M	3.75 " "
	10	1	M	3.83½ " "
	10	2	M	4.00 " "
Average	10	4	M	3.89½ " "
Jan. 1872	10	1	M	3.75 " "
	10	2	M	4.00 " "
	10	1	M	4.79 " "
Average	10	4	M	4.13½ " "
July 1872	10	1	M	3.75 " "
	10	1	M	3.83½ " "
	10	2	M	4.00 " "
Average	10	4	M	3.89½ " "
Jan. 1873	10	1	M	3.83½ " "
	10	5	M	4.00 " "
Average	10	6	M	3.97½ " "
July 1873	10	1	M	3.83½ " "
	10	4	M	4.00 " "
	10	1	M	4.50 " "
Average	10	6	M	4.05½ " "
Jan. 1874	10	3	M	4.00 " "
	10	1	M	4.19 " "
	10	1	M	4.50 " "
Average	10	5	M	4.14 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

FOREMEN, MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1874	10	4	M	$4.00 per day.
	10	1	M	4.19 " "
	10	1	M	4.50 " "
Average	10	6	M	4.11½ " "
Jan. 1875	10	2	M	4.00 " "
	10	1	M	4.19 " "
	10	1	M	4.50 " "
Average	10	4	M	4.17½ " "
July 1875	10	2	M	4.00 " "
	10	1	M	6.39 " "
Average	10	3	M	4.79½ " "
Jan. 1876	10	4	M	4.00 " "
	10	1	M	6.39 " "
Average	10	5	M	4.48 " "
July 1876	10	4	M	4.00 " "
	10	1	M	5.75 " "
Average	10	5	M	4.35 " "
Jan. 1877	10	3	M	4.00 " "
	10	1	M	5.75 " "
Average	10	4	M	4.43½ " "
July 1877	10	3	M	4.00 " "
	10	1	M	5.75 " "
Average	10	4	M	4.43½ " "
Jan. 1878	10	3	M	4.00 " "
	10	1	M	5.75 " "
Average	10	4	M	4.43½ " "
July 1878	10	1	M	3.75 " "
	10	5	M	4.00 " "
Average	10	6	M	3.96 " "
Jan. 1879	10	3	M	4.00 " "
	10	1	M	6.39 " "
Average	10	4	M	4.59½ " "
July 1879	10	1	M	6.39 " "
July 1880	10	1	M	4.00 " "
	10	1	M	6.39 " "
Average	10	2	M	5.19½ " "
Jan. 1881	10	2	M	4.00 " "
	10	3	M	4.79 " "
	10	1	M	6.39 " "
Average	10	6	M	4.79½ " "
July 1881	10	2	M	4.00 " "
	10	1	M	4.79 " "
	10	2	M	5.75 " "
Average	10	5	M	4.86 " "
Jan. 1882	10	1	M	$3.35½ per day.
	10	1	M	3.83½ " "
	10	2	M	4.00 " "
	10	1	M	4.79 " "
	10	1	M	5.75 " "
Average	10	6	M	4.29 " "
July 1882	10	1	M	3.35½ " "
	10	2	M	3.75 " "
	10	1	M	3.83½ " "
	10	1	M	4.79 " "
Average	10	5	M	3.89½ " "
Jan. 1883	10	1	M	3.35½ " "
	10	1	M	3.75 " "
	10	2	M	4.00 " "
	10	1	M	4.79 " "
Average	10	5	M	3.98 " "
July 1883	10	2	M	3.19½ " "
	10	1	M	3.83½ " "
	10	1	M	4.00 " "
	10	1	M	4.79 " "
Average	10	5	M	3.80½ " "
Jan. 1884	10	1	M	3.19½ " "
	10	1	M	3.83½ " "
	10	1	M	4.00 " "
	10	1	M	4.79 " "
Average	10	4	M	3.95½ " "
July 1884	10	2	M	3.19½ " "
	10	1	M	3.83½ " "
	10	2	M	4.00 " "
Average	10	5	M	3.64½ " "
Jan. 1885	10	2	M	3.75 " "
Jan. 1887	10	2	M	4.00 " "
July 1887	10	2	M	4.00 " "
Jan. 1888	10	1	M	4.00 " "
July 1888	10	1	M	4.00 " "
	10	1	M	4.25 " "
Average	10	2	M	4.12½ " "
Jan. 1890	10	1	M	3.75 " "
	10	1	M	4.00 " "
	10	4	M	4.75 " "
Average	10	6	M	4.46 " "
July 1890	10	2	M	3.75 " "
	10	1	M	4.00 " "
Average	10	3	M	3.83½ " "
Jan. 1891	10	3	M	4.00 " "
July 1891	10	4	M	3.75 " "
	10	3	M	4.00 " "
	10	2	M	5.00 " "
Average	10	9	M	4.11 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

FOREMEN, PATTERNMAKERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	10	1	M	$3.50 per day.	July 1880	10	1	M	$3.00 per day.
July 1869	10	1	M	3.50 " "	Jan. 1881	10	1	M	3.00 " "
Jan. 1870	10	1	M	3.50 " "	July 1881	10	1	M	3.00 " "
July 1870	10	1	M	3.50 " "	Jan. 1882	10	1	M	3.00 " "
Jan. 1871	10	1	M	3.50 " "	July 1882	10	1	M	3.00 " "
July 1871	10	1	M	3.50 " "	Jan. 1883	10	1	M	3.00 " "
Jan. 1872	10	1	M	3.75 " "	July 1883	10	1	M	3.00 " "
July 1872	10	1	M	3.75 " "	Jan. 1884	10	1	M	3.00 " "
Jan. 1873	10	1	M	3.75 " "	July 1884	10	1	M	3.00 " "
July 1873	10	1	M	3.75 " "	Jan. 1885	10	1	M	3.00 " "
Jan. 1874	10	1	M	3.75 " "	July 1885	10	1	M	3.00 " "
July 1874	10	1	M	3.75 " "	Jan. 1886	10	1	M	3.00 " "
Jan. 1875	10	1	M	3.75 " "	July 1886	10	1	M	3.00 " "
July 1875	10	1	M	3.75 " "	Jan. 1887	10	1	M	3.00 " "
Jan. 1876	10	1	M	3.75 " "	July 1887	10	1	M	3.00 " "
July 1876	10	1	M	3.75 " "	Jan. 1888	10	1	M	3.00 " "
Jan. 1877	10	2	M	3.75 " "	July 1888	10	1	M	3.00 " "
July 1877	10	1	M	3.75 " "	Jan. 1889	10	1	M	3.00 " "
Jan. 1878	10	1	M	3.75 " "	July 1889	10	1	M	3.00 " "
July 1878	10	1	M	3.75 " "	Jan. 1890	10	1	M	3.00 " "
Jan. 1879	10	1	M	3.75 " "	July 1890	10	1	M	3.00 " "
July 1879	10	1	M	3.50 " "	Jan. 1891	10	1	M	3.00 " "
Jan. 1880	10	1	M	3.50 " "	July 1891	10	1	M	3.00 " "

FURNACEMEN.

July 1849	10	6	M	1.25 per day.	July 1853	10	1	M	1.12 per day.
	10	10	M	1.33 " "	Jan. 1854	10	1	M	1.33 " "
Average	10	16	M	1.30 " "	Jan. 1855	10	1	M	1.25 " "
					July 1855	10	2	M	1.17 " "
Jan. 1850	10	1	M	1.17 " "		10	1	M	1.25 " "
	10	1	M	1.25 " "		10	4	M	1.33 " "
	10	8	M	1.33 " "	Average	10	7	M	1.27½ " "
Average	10	10	M	1.30½ " "	Jan. 1856	10	2	M	1.17 " "
						10	2	M	1.25 " "
July 1850	10	1	M	1.08 " "		10	2	M	1.33 " "
	10	1	M	1.12½ " "		10	1	M	1.45 " "
	10	2	M	1.25 " "	Average	10	7	M	1.28 " "
	10	7	M	1.33 " "					
Average	10	11	M	1.27⅛ " "	July 1856	10	2	M	1.25 " "
					Jan. 1857	10	2	M	1.25 " "
Jan. 1851	10	1	M	1.08 " "	July 1857	10	1	M	1.25 " "
	10	4	M	1.17 " "	Jan. 1858	10	1	M	1.20 " "
	10	1	M	1.25 " "		10	1	M	1.25 " "
	10	4	M	1.33 " "		10	5	M	1.45 " "
Average	10	10	M	1.23½ " "	Average	10	7	M	1.38½ " "
July 1851	10	1	M	1.08 " "	July 1858	10	1	M	1.20 " "
	10	1	M	1.17 " "		10	1	M	1.25 " "
	10	2	M	1.25 " "		10	1	M	1.33 " "
	10	8	M	1.33 " "		10	5	M	1.45 " "
Average	10	12	M	1.28½ " "	Average	10	8	M	1.38 " "
Jan. 1852	10	1	M	1.08 " "	Jan. 1859	10	3	M	1.33 " "
	10	3	M	1.33 " "		10	1	M	1.44 " "
	10	1	M	1.44 " "	Average	10	4	M	1.35½ " "
Average	10	5	M	1.30 " "	July 1859	10	4	M	1.33 " "
July 1852	10	1	M	1.33 " "		10	1	M	1.44 " "
	10	1	M	1.45 " "	Average	10	5	M	1.35 " "
Average	10	2	M	1.39 " "	Jan. 1860	10	1	M	1.44 " "
Jan. 1853	10	1	M	1.25 " "		10	1	M	1.45 " "
	10	1	M	1.45 " "	Average	10	2	M	1.44½ " "
Average	10	2	M	1.35 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

FURNACEMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1860	10	1	M	$1.44 per day.
Jan. 1861	10	1	M	1.44 " "
July 1861	10	1	M	1.17 " "
	10	1	M	1.33 " "
	10	1	M	1.44 " "
Average	10	3	M	1.31½ " "
Jan. 1862	10	2	M	1.17 " "
	10	2	M	1.44 " "
Average	10	4	M	1.30½ " "
July 1862	10	1	M	1.17 " "
	10	1	M	1.44 " "
	10	1	M	1.45 " "
Average	10	3	M	1.35½ " "
Jan. 1863	10	1	M	1.45 " "
July 1863	10	2	M	1.25 " "
	10	4	M	1.75 " "
Average	10	6	M	1.58½ " "
Jan. 1864	10	2	M	1.25 " "
	10	1	M	1.33 " "
	10	1	M	1.75 " "
Average	10	4	M	1.39½ " "
July 1864	10	5	M	1.20 " "
	10	7	M	1.25 " "
	10	2	M	1.33 " "
	10	4	M	1.75 " "
Average	10	18	M	1.35½ " "
Jan. 1865	10	5	M	1.25 " "
	10	1	M	1.75 " "
Average	10	6	M	1.33⅓ " "
July 1865	10	1	M	1.10 " "
	10	1	M	1.75 " "
Average	10	2	M	1.42½ " "
Jan. 1866	10	1	M	1.20 " "
	10	1	M	1.75 " "
Average	10	2	M	1.47½ " "
July 1866	10	2	M	1.75 " "
Jan. 1867	10	1	M	1.45 " "
	10	2	M	1.75 " "
Average	10	3	M	1.65 " "
July 1867	10	1	M	1.45 " "
	10	1	M	1.75 " "
Average	10	2	M	1.60 " "
Jan. 1868	10	1	M	1.45 " "
	10	1	M	1.75 " "
Average	10	2	M	1.60 " "
July 1868	10	1	M	1.75 " "
Jan. 1869	10	1	M	1.75 " "
July 1869	10	1	M	1.75 " "
Jan. 1870	10	1	M	$1.60 per day.
	10	2	M	1.75 " "
Average	10	3	M	1.70 " "
July 1870	10	1	M	1.75 " "
Jan. 1871	10	1	M	1.75 " "
July 1871	10	1	M	1.60 " "
	10	2	M	1.75 " "
Average	10	3	M	1.70 " "
Jan. 1872	10	1	M	1.60 " "
	10	2	M	1.75 " "
Average	10	3	M	1.70 " "
July 1872	10	1	M	1.60 " "
	10	4	M	1.75 " "
Average	10	5	M	1.72 " "
Jan. 1873	10	1	M	1.60 " "
	10	5	M	1.75 " "
Average	10	6	M	1.72½ " "
July 1873	10	5	M	1.75 " "
Jan. 1874	10	4	M	1.55 " "
	10	1	M	1.75 " "
Average	10	5	M	1.59 " "
July 1874	10	5	M	1.55 " "
	10	1	M	1.75 " "
Average	10	6	M	1.58½ " "
Jan. 1875	10	5	M	1.55 " "
	10	2	M	1.75 " "
Average	10	7	M	1.60½ " "
July 1875	10	4	M	1.55 " "
	10	1	M	1.75 " "
Average	10	5	M	1.59 " "
Jan. 1876	10	1	M	1.60 " "
	10	3	M	1.80 " "
	10	1	M	1.85 " "
	10	3	M	1.90 " "
Average	10	8	M	1.82 " "
July 1876	10	1	M	1.60 " "
	10	1	M	1.70 " "
	10	3	M	1.80 " "
	10	3	M	1.90 " "
Average	10	8	M	1.80 " "
Jan. 1877	10	1	M	1.60 " "
	10	3	M	1.70 " "
	10	2	M	1.80 " "
	10	3	M	1.90 " "
Average	10	9	M	1.78 " "
July 1877	10	1	M	1.60 " "
	10	2	M	1.80 " "
	10	2	M	1.90 " "
Average	10	5	M	1.80 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

FURNACEMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878	10	1	M	$1.60 per day.	July 1882	10	1	M	$1.75 per day.
	10	3	M	1.80 " "	Jan. 1883	10	1	M	1.75 " "
	10	3	M	1.90 " "					
					July 1883	10	2	M	1.75 " "
Average	10	7	M	1.81½ " "		10	7	M	1.80 " "
					Average	10	9	M	1.79 " "
July 1878	10	1	M	1.60 " "					
	10	3	M	1.80 " "	Jan. 1884	10	1	M	1.75 " "
	10	3	M	1.90 " "		10	4	M	1.80 " "
Average	10	7	M	1.81½ " "	Average	10	5	M	1.79 " "
Jan. 1879	10	1	M	1.60 " "	July 1884	10	1	M	1.75 " "
	10	1	M	1.80 " "		10	3	M	1.80 " "
	10	3	M	1.90 " "	Average	10	4	M	1.78½ " "
Average	10	5	M	1.82 " "					
					Jan. 1885	10	1	M	1.45 " "
July 1879	10	1	M	1.75 " "		10	1	M	1.60 " "
	10	2	M	1.85 " "		10	9	M	1.80 " "
	10	1	M	1.90 " "	Average	10	11	M	1.75 " "
Average	10	4	M	1.83½ " "					
					July 1885	10	1	M	1.60 " "
Jan. 1880	10	1	M	1.60 " "		10	6	M	1.80 " "
	10	1	M	1.75 " "	Average	10	7	M	1.77 " "
	10	2	M	1.85 " "					
	10	3	M	1.90 " "	Jan. 1886	10	2	M	1.60 " "
Average	10	7	M	1.82 " "		10	4	M	1.80 " "
					Average	10	6	M	1.73½ " "
July 1880	10	1	M	1.60 " "					
	10	5	M	1.75 " "	July 1886	10	1	M	1.60 " "
	10	6	M	1.90 " "		10	4	M	1.80 " "
Average	10	12	M	1.81½ " "	Average	10	5	M	1.76 " "
Jan. 1881	10	1	M	1.45 " "	Jan. 1887	10	2	M	1.75 " "
	10	1	M	1.65 " "		10	1	M	1.80 " "
	10	5	M	1.75 " "	Average	10	3	M	1.76½ " "
	10	1	M	1.80 " "					
	10	3	M	1.90 " "	July 1887	10	2	M	1.80 " "
Average	10	11	M	1.76 " "	July 1889	10	2	M	1.75 " "
July 1881	10	1	M	1.45 " "	July 1890	10	3	M	1.62 " "
	10	1	M	1.65 " "		10	1	M	1.75 " "
	10	1	M	1.75 " "		10	2	M	1.80 " "
	10	2	M	1.85 " "		10	3	M	1.90 " "
	10	1	M	1.90 " "					
Average	10	6	M	1.74 " "	Average	10	9	M	1.77 " "
Jan. 1882	10	1	M	1.70 " "	Jan. 1891	10	1	M	1.70 " "
	10	1	M	1.75 " "		10	1	M	1.75 " "
Average	10	2	M	1.72½ " "	Average	10	2	M	1.72½ " "

LABORERS.

July 1849	10	1	M	.60 per day.	Jan. 1850	10	4	M	.75 per day.
	10	2	M	.62 " "		10	1	M	.81 " "
	10	7	M	.75 " "		10	6	M	.83 " "
	10	4	M	.83 " "		10	1	M	.84 " "
	10	1	M	.87½ " "		10	1	M	.87½ " "
	10	4	M	.90 " "		10	5	M	.90 " "
	10	1	M	.91 " "		10	6	M	.92 " "
	10	2	M	.92 " "		10	4	M	.93 " "
	10	2	M	.93 " "		10	12	M	1.00 " "
	10	13	M	1.00 " "					
Average	10	37	M	.88 " "	Average	10	40	M	.90½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1850	10	3	M	$0.75 per day.
	10	1	M	.80 " "
	10	8	M	.83 " "
	10	1	M	.90 " "
	10	2	M	.92 " "
	10	2	M	.93 " "
	10	23	M	1.00 " "
Average	10	40	M	.93 " "
Jan. 1851	10	3	M	.60 " "
	10	1	M	.70 " "
	10	2	M	.75 " "
	10	1	M	.80 " "
	10	10	M	.83 " "
	10	1	M	.90 " "
	10	2	M	.92 " "
	10	3	M	.93 " "
	10	24	M	1.00 " "
Average	10	47	M	.90½ " "
July 1851	10	2	M	.62½ " "
	10	5	M	.75 " "
	10	2	M	.80 " "
	10	11	M	.83 " "
	10	2	M	.85 " "
	10	1	M	.90 " "
	10	2	M	.92 " "
	10	3	M	.93 " "
	10	1	M	.95 " "
	10	18	M	1.00 " "
Average	10	47	M	.89 " "
Jan. 1852	10	2	M	.62½ " "
	10	1	M	.70 " "
	10	3	M	.75 " "
	10	1	M	.77 " "
	10	13	M	.83 " "
	10	3	M	.85 " "
	10	1	M	.87½ " "
	10	1	M	.90 " "
	10	6	M	.92 " "
	10	3	M	.93 " "
	10	17	M	1.00 " "
Average	10	51	M	.89 " "
July 1852	10	2	M	.62½ " "
	10	2	M	.65 " "
	10	3	M	.67 " "
	10	4	M	.75 " "
	10	16	M	.83 " "
	10	1	M	.84 " "
	10	2	M	.92 " "
	10	4	M	.93 " "
	10	18	M	1.00 " "
Average	10	52	M	.87 " "
Jan. 1853	10	1	M	.62 " "
	10	1	M	.70 " "
	10	1	M	.75 " "
	10	5	M	.83 " "
	10	1	M	.87½ " "
	10	3	M	.92 " "
	10	3	M	.93 " "
	10	17	M	1.00 " "
Average	10	32	M	.92½ " "
July 1853	10	5	M	.62 " "
	10	1	M	.70 " "
	10	1	M	.75 " "
July 1853—conc'd.	10	1	M	$0.77 per day.
	10	16	M	.83 " "
	10	1	M	.85 " "
	10	1	M	.92 " "
	10	21	M	1.00 " "
Average	10	47	M	.88 " "
Jan. 1854	10	5	M	.62 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
	10	1	M	.80 " "
	10	17	M	.83 " "
	10	3	M	.90 " "
	10	2	M	.92 " "
	10	3	M	.93 " "
	10	23	M	1.00 " "
Average	10	56	M	.89 " "
July 1854	10	1	M	.62 " "
	10	1	M	.75 " "
	10	1	M	.77 " "
	10	2	M	.80 " "
	10	17	M	.83 " "
	10	2	M	.90 " "
	10	1	M	.92 " "
	10	22	M	1.00 " "
Average	10	47	M	.90½ " "
Jan. 1855	10	1	M	.63 " "
	10	3	M	.65 " "
	10	1	M	.67 " "
	10	1	M	.75 " "
	10	1	M	.77 " "
	10	2	M	.80 " "
	10	16	M	.83 " "
	10	1	M	.90 " "
	10	1	M	.92 " "
	10	19	M	1.00 " "
Average	10	46	M	.88 " "
July 1855	10	1	M	.62 " "
	10	1	M	.65 " "
	10	3	M	.75 " "
	10	22	M	.83 " "
	10	2	M	.84 " "
	10	6	M	.85 " "
	10	1	M	.90 " "
	10	6	M	.92 " "
	10	23	M	1.00 " "
Average	10	65	M	.89 " "
Jan. 1856	10	2	M	.65 " "
	10	1	M	.75 " "
	10	13	M	.83 " "
	10	1	M	.84 " "
	10	1	M	.90 " "
	10	4	M	.92 " "
	10	15	M	1.00 " "
Average	10	37	M	.90 " "
July 1856	10	1	M	.75 " "
	10	8	M	.83 " "
	10	1	M	.84 " "
	10	1	M	.85 " "
	10	2	M	.90 " "
	10	4	M	.92 " "
	10	15	M	1.00 " "
Average	10	32	M	.92½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1857	10	1	M	$0.65 per day.
	10	4	M	.75 " "
	10	6	M	.83 " "
	10	2	M	.84 " "
	10	1	M	.90 " "
	10	3	M	.92 " "
	10	19	M	1.00 " "
Average	10	36	M	.91½ " "
July 1857	10	1	M	.65 " "
	10	2	M	.75 " "
	10	7	M	.83 " "
	10	2	M	.84 " "
	10	1	M	.85 " "
	10	1	M	.90 " "
	10	2	M	.92 " "
	10	25	M	1.00 " "
Average	10	41	M	.93 " "
Jan. 1858	10	1	M	.70 " "
	10	7	M	.75 " "
	10	5	M	.85 " "
	10	17	M	.90 " "
	10	2	M	.92 " "
	10	4	M	1.00 " "
Average	10	36	M	.87 " "
July 1858	10	1	M	.65 " "
	10	2	M	.70 " "
	10	6	M	.75 " "
	10	2	M	.83 " "
	10	4	M	.85 " "
	10	12	M	.90 " "
	10	2	M	.92 " "
Average	10	29	M	.83½ " "
Jan. 1859	10	2	M	.65 " "
	10	7	M	.83 " "
	10	4	M	.85 " "
	10	5	M	.90 " "
	10	5	M	.92 " "
	10	3	M	1.00 " "
Average	10	26	M	.87 " "
July 1859	10	3	M	.65 " "
	10	1	M	.80 " "
	10	7	M	.83 " "
	10	3	M	.85 " "
	10	6	M	.90 " "
	10	4	M	.92 " "
	10	3	M	1.00 " "
Average	10	27	M	.86 " "
Jan. 1860	10	1	M	.62 " "
	10	10	M	.83 " "
	10	3	M	.85 " "
	10	7	M	.90 " "
	10	1	M	.92 " "
	10	1	M	.95 " "
	10	7	M	1.00 " "
Average	10	30	M	.89 " "
July 1860	10	1	M	.62 " "
	10	2	M	.75 " "
	10	9	M	.83 " "
	10	4	M	.85 " "
	10	3	M	.90 " "
	10	2	M	.92 " "
July 1860–conc'd.	10	4	M	$0.95 per day.
	10	13	M	1.00 " "
Average	10	38	M	.90½ " "
Jan. 1861	10	2	M	.65 " "
	10	3	M	.75 " "
	10	9	M	.83 " "
	10	1	M	.85 " "
	10	5	M	.90 " "
	10	2	M	.92 " "
	10	5	M	.95 " "
	10	13	M	1.00 " "
Average	10	40	M	.90 " "
July 1861	10	3	M	.62 " "
	10	1	M	.65 " "
	10	6	M	.75 " "
	10	46	M	.83 " "
	10	3	M	.91 " "
	10	3	M	.92 " "
	10	6	M	.95 " "
	10	20	M	1.00 " "
Average	10	88	M	.87 " "
Jan. 1862	10	3	M	.62 " "
	10	1	M	.75 " "
	10	28	M	.83 " "
	10	2	M	.90 " "
	10	3	M	.92 " "
	10	7	M	.95 " "
	10	16	M	1.00 " "
Average	10	60	M	.88½ " "
July 1862	10	3	M	.75 " "
	10	9	M	.83 " "
	10	2	M	.90 " "
	10	3	M	.92 " "
	10	6	M	.95 " "
	10	13	M	1.00 " "
Average	10	36	M	.91½ " "
Jan. 1863	10	1	M	.75 " "
	10	12	M	.83 " "
	10	3	M	.90 " "
	10	2	M	.92 " "
	10	5	M	.95 " "
	10	19	M	1.00 " "
Average	10	42	M	.93 " "
July 1863	10	1	M	.65 " "
	10	3	M	.75 " "
	10	2	M	.83 " "
	10	1	M	.90 " "
	10	1	M	.92 " "
	10	3	M	.95 " "
	10	16	M	1.00 " "
Average	10	27	M	.93½ " "
Jan. 1864	10	1	M	.75 " "
	10	1	M	.80 " "
	10	1	M	.83 " "
	10	2	M	.85 " "
	10	3	M	.92 " "
	10	1	M	.95 " "
	10	20	M	1.00 " "
	10	1	M	1.50 " "
Average	10	30	M	.97½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1864	10	2	M	$0.75 per day.
	10	1	M	.83 " "
	10	3	M	1.00 " "
	10	3	M	1.50 " "
Average	10	9	M	1.09 " "
Jan. 1865	10	1	M	.75 " "
	10	1	M	.80 " "
	10	6	M	1.00 " "
	10	1	M	1.50 " "
	10	5	M	1.75 " "
Average	10	14	M	1.27 " "
July 1865	10	2	M	.75 " "
	10	4	M	1.00 " "
	10	3	M	1.25 " "
	10	2	M	1.40 " "
	10	5	M	1.50 " "
	10	6	M	1.75 " "
Average	10	22	M	1.36½ " "
Jan. 1866	10	1	M	.90 " "
	10	3	M	1.00 " "
	10	11	M	1.25 " "
	10	4	M	1.40 " "
	10	3	M	1.50 " "
	10	1	M	1.60 " "
	10	5	M	1.75 " "
Average	10	28	M	1.36 " "
July 1866	10	1	M	.65 " "
	10	3	M	.75 " "
	10	1	M	.80 " "
	10	1	M	1.00 " "
	10	2	M	1.16½ " "
	10	10	M	1.25 " "
	10	5	M	1.40 " "
	10	8	M	1.50 " "
	10	1	M	1.60 " "
	10	8	M	1.75 " "
Average	10	40	M	1.35½ " "
Jan. 1867	10	1	M	.62 " "
	10	4	M	.75 " "
	10	1	M	.80 " "
	10	2	M	1.00 " "
	10	2	M	1.16½ " "
	10	4	M	1.25 " "
	10	1	M	1.37 " "
	10	6	M	1.40 " "
	10	9	M	1.50 " "
	10	2	M	1.60 " "
	10	10	M	1.75 " "
Average	10	42	M	1.37½ " "
July 1867	10	2	M	.75 " "
	10	6	M	1.00 " "
	10	1	M	1.16½ " "
	10	4	M	1.25 " "
	10	1	M	1.33 " "
	10	3	M	1.40 " "
	10	10	M	1.50 " "
	10	2	M	1.60 " "
	10	11	M	1.75 " "
Average	10	40	M	1.41½ " "
Jan. 1868	10	1	M	.75 " "
	10	3	M	1.00 " "
Jan. 1868–conc'd.	10	2	M	$1.25 per day.
	10	1	M	1.33 " "
	10	2	M	1.40 " "
	10	12	M	1.50 " "
	10	3	M	1.60 " "
	10	10	M	1.75 " "
Average	10	34	M	1.49 " "
July 1868	10	2	M	.75 " "
	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.15 " "
	10	9	M	1.25 " "
	10	2	M	1.30 " "
	10	8	M	1.35 " "
	10	12	M	1.40 " "
	10	1	M	1.45 " "
	10	3	M	1.50 " "
	10	1	M	1.55 " "
	10	4	M	1.60 " "
	10	6	M	1.75 " "
Average	10	51	M	1.38½ " "
Jan. 1869	10	2	M	.75 " "
	10	3	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.12½ " "
	10	10	M	1.25 " "
	10	2	M	1.30 " "
	10	8	M	1.35 " "
	10	12	M	1.40 " "
	10	1	M	1.45 " "
	10	3	M	1.50 " "
	10	1	M	1.55 " "
	10	2	M	1.70 " "
	10	4	M	1.75 " "
Average	10	50	M	1.34½ " "
July 1869	10	2	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.15 " "
	10	6	M	1.25 " "
	10	5	M	1.35 " "
	10	8	M	1.40 " "
	10	2	M	1.42 " "
	10	2	M	1.50 " "
	10	3	M	1.55 " "
	10	2	M	1.70 " "
	10	3	M	1.75 " "
Average	10	35	M	1.39½ " "
Jan. 1870	10	3	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.15 " "
	10	4	M	1.25 " "
	10	6	M	1.35 " "
	10	4	M	1.40 " "
	10	2	M	1.50 " "
	10	1	M	1.70 " "
	10	8	M	1.75 " "
Average	10	30	M	1.42 " "
July 1870	10	1	M	.75 " "
	10	7	M	1.00 " "
	10	5	M	1.25 " "
	10	6	M	1.35 " "
	10	4	M	1.40 " "
	10	3	M	1.42 " "
	10	3	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1870–conc'd.	10	1	M	$1.60 per day.
	10	8	M	1.75 " "
Average	10	38	M	1.37 " "
Jan. 1871	10	4	M	1.00 " "
	10	6	M	1.25 " "
	10	9	M	1.35 " "
	10	7	M	1.40 " "
	10	6	M	1.50 " "
	10	1	M	1.60 " "
	10	6	M	1.75 " "
Average	10	39	M	1.40 " "
July 1871	10	7	M	1.35 " "
	10	7	M	1.40 " "
	10	4	M	1.50 " "
	10	2	M	1.60 " "
	10	4	M	1.75 " "
Average	10	24	M	1.47½ " "
Jan. 1872	10	1	M	.75 " "
	10	3	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	8	M	1.35 " "
	10	8	M	1.40 " "
	10	5	M	1.50 " "
	10	1	M	1.60 " "
	10	4	M	1.75 " "
Average	10	33	M	1.38 " "
July 1872	10	3	M	.75 " "
	10	6	M	1.00 " "
	10	7	M	1.25 " "
	10	3	M	1.35 " "
	10	8	M	1.40 " "
	10	16	M	1.50 " "
	10	2	M	1.60 " "
	10	5	M	1.75 " "
Average	10	50	M	1.36½ " "
Jan. 1873	10	3	M	.75 " "
	10	2	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.35 " "
	10	9	M	1.40 " "
	10	13	M	1.50 " "
	10	1	M	1.60 " "
	10	4	M	1.75 " "
Average	10	35	M	1.39½ " "
July 1873	10	2	M	.75 " "
	10	5	M	1.00 " "
	10	3	M	1.25 " "
	10	14	M	1.50 " "
	10	4	M	1.60 " "
	10	6	M	1.75 " "
Average	10	34	M	1.41½ " "
Jan. 1874	10	4	M	.75 " "
	10	2	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.25 " "
	10	33	M	1.35 " "
	10	2	M	1.40 " "
	10	4	M	1.45 " "
Jan. 1874–conc'd.	10	1	M	$1.50 per day.
	10	1	M	1.55 " "
	10	3	M	1.75 " "
Average	10	52	M	1.32½ " "
July 1874	10	3	M	.75 " "
	10	4	M	1.00 " "
	10	1	M	1.10 " "
	10	2	M	1.25 " "
	10	27	M	1.35 " "
	10	2	M	1.40 " "
	10	4	M	1.45 " "
	10	1	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.65 " "
	10	5	M	1.75 " "
Average	10	51	M	1.34 " "
Jan. 1875	10	3	M	.75 " "
	10	8	M	1.00 " "
	10	2	M	1.10 " "
	10	1	M	1.25 " "
	10	29	M	1.35 " "
	10	3	M	1.40 " "
	10	5	M	1.45 " "
	10	2	M	1.50 " "
	10	2	M	1.55 " "
	10	6	M	1.75 " "
Average	10	61	M	1.32½ " "
July 1875	10	4	M	.75 " "
	10	8	M	1.00 " "
	10	1	M	1.20 " "
	10	2	M	1.25 " "
	10	17	M	1.35 " "
	10	1	M	1.40 " "
	10	3	M	1.45 " "
	10	3	M	1.50 " "
	10	5	M	1.75 " "
Average	10	44	M	1.28½ " "
Jan. 1876	10	6	M	1.00 " "
	10	8	M	1.10 " "
	10	9	M	1.25 " "
	10	10	M	1.35 " "
	10	1	M	1.40 " "
	10	3	M	1.45 " "
	10	3	M	1.50 " "
	10	4	M	1.75 " "
Average	10	44	M	1.29 " "
July 1876	10	7	M	1.00 " "
	10	1	M	1.10 " "
	10	5	M	1.15 " "
	10	10	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.50 " "
	10	1	M	1.55 " "
	10	2	M	1.75 " "
Average	10	31	M	1.23½ " "
Jan. 1877	10	1	M	1.00 " "
	10	2	M	1.10 " "
	10	5	M	1.15 " "
	10	8	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.35 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1877–conc'd.	10	2	M	$1.59 per day.
	10	1	M	1.55 " "
	10	2	M	1.75 " "
Average	10	24	M	1.29 " "
July 1877	10	1	M	.75 " "
	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	6	M	1.15 " "
	10	5	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.50 " "
	10	2	M	1.70 " "
	10	2	M	1.75 " "
Average	10	23	M	1.30 " "
Jan. 1878	10	2	M	.50 " "
	10	1	M	.75 " "
	10	4	M	1.00 " "
	10	4	M	1.10 " "
	10	5	M	1.15 " "
	10	8	M	1.25 " "
	10	1	M	1.35 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	2	M	1.70 " "
	10	3	M	1.75 " "
Average	10	33	M	1.22 " "
July 1878	10	13	M	.75 " "
	10	7	M	1.00 " "
	10	8	M	1.10 " "
	10	7	M	1.15 " "
	10	12	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.50 " "
	10	3	M	1.70 " "
	10	5	M	1.75 " "
Average	10	59	M	1.15½ " "
Jan. 1879	10	2	M	.75 " "
	10	2	M	1.00 " "
	10	3	M	1.10 " "
	10	3	M	1.15 " "
	10	8	M	1.25 " "
	10	1	M	1.30 " "
	10	2	M	1.50 " "
	10	1	M	1.70 " "
	10	2	M	1.75 " "
Average	10	24	M	1.24 " "
July 1879	10	3	M	.75 " "
	10	10	M	1.00 " "
	10	3	M	1.05 " "
	10	3	M	1.10 " "
	10	1	M	1.15 " "
	10	4	M	1.25 " "
	10	1	M	1.40 " "
	10	4	M	1.50 " "
	10	1	M	1.62 " "
Average	10	30	M	1.13 " "
Jan. 1880	10	1	M	.50 " "
	10	10	M	.75 " "
	10	20	M	1.00 " "
	10	3	M	1.10 " "
Jan. 1880–conc'd.	10	4	M	$1.25 per day.
	10	1	M	1.30 " "
	10	1	M	1.40 " "
	10	8	M	1.50 " "
	10	1	M	1.62 " "
Average	10	49	M	1.07½ " "
July 1880	10	1	M	.50 " "
	10	42	M	.75 " "
	10	4	M	.90 " "
	10	31	M	1.00 " "
	10	3	M	1.10 " "
	10	11	M	1.15 " "
	10	27	M	1.25 " "
	10	1	M	1.30 " "
	10	8	M	1.40 " "
	10	1	M	1.50 " "
	10	3	M	1.60 " "
Average	10	132	M	1.02½ " "
Jan. 1881	10	13	M	.65 " "
	10	21	M	.75 " "
	10	4	M	.90 " "
	10	24	M	1.00 " "
	10	1	M	1.10 " "
	10	13	M	1.15 " "
	10	47	M	1.25 " "
	10	5	M	1.40 " "
	10	3	M	1.50 " "
Average	10	131	M	1.05½ " "
July 1881	10	15	M	.65 " "
	10	41	M	.75 " "
	10	13	M	.90 " "
	10	10	M	1.00 " "
	10	15	M	1.15 " "
	10	38	M	1.25 " "
	10	2	M	1.35 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
Average	10	137	M	.98 " "
Jan. 1882	10	32	M	.75 " "
	10	19	M	.90 " "
	10	22	M	1.00 " "
	10	1	M	1.10 " "
	10	8	M	1.15 " "
	10	63	M	1.25 " "
	10	7	M	1.35 " "
	10	2	M	1.40 " "
	10	2	M	1.45 " "
	10	3	M	1.50 " "
	10	1	M	1.65 " "
Average	10	160	M	1.08½ " "
July 1882	10	26	M	.75 " "
	10	17	M	.90 " "
	10	19	M	1.00 " "
	10	1	M	1.10 " "
	10	29	M	1.15 " "
	10	32	M	1.25 " "
	10	1	M	1.35 " "
	10	4	M	1.40 " "
	10	3	M	1.45 " "
	10	3	M	1.50 " "
Average	10	135	M	1.06½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883	10	22	M	$0.75 per day.
	10	17	M	.90 " "
	10	27	M	1.00 " "
	10	4	M	1.10 " "
	10	25	M	1.15 " "
	10	57	M	1.25 " "
	10	3	M	1.35 " "
	10	3	M	1.40 " "
	10	2	M	1.45 " "
	10	5	M	1.50 " "
Average	10	165	M	1.10 " "
July 1883	10	5	M	.75 " "
	10	9	M	.90 " "
	10	9	M	1.00 " "
	10	3	M	1.10 " "
	10	39	M	1.15 " "
	10	17	M	1.25 " "
	10	11	M	1.35 " "
	10	2	M	1.40 " "
	10	4	M	1.45 " "
	10	3	M	1.50 " "
Average	10	102	M	1.16 " "
Jan. 1884	10	24	M	.75 " "
	10	3	M	.90 " "
	10	16	M	1.00 " "
	10	3	M	1.10 " "
	10	27	M	1.15 " "
	10	24	M	1.25 " "
	10	1	M	1.30 " "
	10	6	M	1.35 " "
	10	2	M	1.40 " "
	10	2	M	1.45 " "
	10	3	M	1.50 " "
Average	10	111	M	1.08½ " "
July 1884	10	10	M	.75 " "
	10	4	M	.85 " "
	10	18	M	1.00 " "
	10	4	M	1.10 " "
	10	20	M	1.15 " "
	10	20	M	1.25 " "
	10	2	M	1.30 " "
	10	5	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	3	M	1.50 " "
	10	2	M	1.65 " "
Average	10	91	M	1.13 " "
Jan. 1885	10	7	M	.75 " "
	10	2	M	.80 " "
	10	5	M	.90 " "
	10	6	M	1.00 " "
	10	6	M	1.05 " "
	10	32	M	1.15 " "
	10	3	M	1.20 " "
	10	20	M	1.25 " "
	10	2	M	1.30 " "
	10	16	M	1.35 " "
	10	6	M	1.40 " "
	10	3	M	1.50 " "
Average	10	108	M	1.17 " "
July 1885	10	15	M	.75 " "
	10	1	M	.80 " "
	10	3	M	.90 " "
	10	8	M	1.00 " "
July 1885–conc'd.	10	10	M	$1.05 per day.
	10	15	M	1.15 " "
	10	3	M	1.20 " "
	10	20	M	1.25 " "
	10	10	M	1.35 " "
	10	3	M	1.40 " "
	10	1	M	1.50 " "
Average	10	89	M	1.10½ " "
Jan. 1886	10	8	M	.75 " "
	10	2	M	.85 " "
	10	2	M	.90 " "
	10	9	M	1.00 " "
	10	7	M	1.05 " "
	10	14	M	1.15 " "
	10	3	M	1.20 " "
	10	21	M	1.25 " "
	10	8	M	1.35 " "
	10	11	M	1.40 " "
	10	1	M	1.50 " "
Average	10	86	M	1.15½ " "
July 1886	10	6	M	.75 " "
	10	3	M	.80 " "
	10	3	M	.90 " "
	10	12	M	1.00 " "
	10	7	M	1.05 " "
	10	1	M	1.10 " "
	10	16	M	1.25 " "
	10	3	M	1.30 " "
	10	2	M	1.35 " "
	10	4	M	1.50 " "
Average	10	57	M	1.10 " "
Jan. 1887	10	6	M	.75 " "
	10	2	M	.90 " "
	10	13	M	1.00 " "
	10	9	M	1.05 " "
	10	4	M	1.10 " "
	10	12	M	1.15 " "
	10	18	M	1.25 " "
	10	2	M	1.35 " "
	10	3	M	1.50 " "
Average	10	69	M	1.11 " "
July 1887	10	6	M	.75 " "
	10	3	M	.90 " "
	10	9	M	1.00 " "
	10	4	M	1.05 " "
	10	4	M	1.10 " "
	10	5	M	1.15 " "
	10	33	M	1.25 " "
	10	3	M	1.35 " "
	10	2	M	1.40 " "
	10	3	M	1.50 " "
Average	10	72	M	1.15½ " "
Jan. 1888	10	4	M	.75 " "
	10	1	M	.90 " "
	10	16	M	1.00 " "
	10	3	M	1.05 " "
	10	3	M	1.10 " "
	10	2	M	1.15 " "
	10	1	M	1.20 " "
	10	35	M	1.25 " "
	10	3	M	1.40 " "
	10	3	M	1.50 " "
Average	10	71	M	1.16 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

LABORERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1888	10	1	M	$0.75 per day.	Jan. 1890–conc'd.	10	5	M	$1.10 per day.
	10	1	M	.80 " "		10	18	M	1.25 " "
	10	5	M	1.00 " "		10	5	M	1.40 " "
	10	1	M	1.05 " "		10	3	M	1.50 " "
	10	1	M	1.10 " "					
	10	1	M	1.15 " "	Average	10	41	M	1.18½ " "
	10	22	M	1.25 " "					
	10	3	M	1.30 " "	July 1890	10	12	M	1.00 " "
	10	1	M	1.45 " "		10	6	M	1.20 " "
	10	5	M	1.50 " "		10	26	M	1.25 " "
						10	3	M	1.35 " "
Average	10	41	M	1.22½ " "		10	1	M	1.40 " "
						10	7	M	1.45 " "
Jan. 1889	10	2	M	.75 " "		10	3	M	1.50 " "
	10	1	M	.80 " "					
	10	6	M	1.00 " "	Average	10	58	M	1.24 " "
	10	23	M	1.25 " "					
	10	3	M	1.50 " "	Jan. 1891	10	2	M	.75 " "
						10	1	M	.90 " "
Average	10	35	M	1.18½ " "		10	6	M	1.00 " "
						10	2	M	1.10 " "
July 1889	10	5	M	.75 " "		10	36	M	1.25 " "
	10	1	M	.80 " "		10	1	M	1.35 " "
	10	9	M	1.00 " "		10	4	M	1.40 " "
	10	3	M	1.10 " "		10	5	M	1.45 " "
	10	2	M	1.15 " "		10	3	M	1.50 " "
	10	29	M	1.25 " "					
	10	6	M	1.35 " "	Average	10	60	M	1.24 " "
	10	5	M	1.40 " "					
	10	4	M	1.50 " "	July 1891	10	11	M	1.00 " "
						10	33	M	1.25 " "
Average	10	64	M	1.19½ " "		10	1	M	1.30 " "
						10	3	M	1.40 " "
Jan. 1890	10	3	M	.75 " "		10	7	M	1.50 " "
	10	2	M	.90 " "					
	10	5	M	1.00 " "	Average	10	55	M	1.24 " "

MACHINISTS.

July 1849	10	8	M	1.42 per day.	Jan. 1851–conc'd.	10	2	M	1.62½ per day.
	10	11	M	1.50 " "		10	3	M	1.66½ " "
	10	3	M	1.54 " "		10	4	M	1.75 " "
	10	4	M	1.58½ " "		10	7	M	2.00 " "
	10	1	M	1.66½ " "					
	10	6	M	1.75 " "	Average	10	39	M	1.61 " "
	10	3	M	2.00 " "					
					July 1851	10	2	M	1.41½ " "
Average	10	36	M	1.58½ " "		10	1	M	1.45 " "
						10	15	M	1.50 " "
Jan. 1850	10	5	M	1.42 " "		10	1	M	1.58½ " "
	10	13	M	1.50 " "		10	1	M	1.66½ " "
	10	2	M	1.58½ " "		10	4	M	1.75 " "
	10	1	M	1.66½ " "		10	6	M	2.00 " "
	10	5	M	1.75 " "					
	10	5	M	2.00 " "	Average	10	30	M	1.63½ " "
Average	10	31	M	1.62 " "	Jan. 1852	10	4	M	1.37½ " "
						10	2	M	1.40 " "
July 1850	10	6	M	1.41½ " "		10	5	M	1.41½ " "
	10	12	M	1.50 " "		10	36	M	1.50 " "
	10	1	M	1.58½ " "		10	3	M	1.58½ " "
	10	4	M	1.66½ " "		10	4	M	1.62½ " "
	10	6	M	1.75 " "		10	6	M	1.66½ " "
	10	2	M	1.87½ " "		10	13	M	1.75 " "
	10	5	M	2.00 " "		10	9	M	2.00 " "
Average	10	36	M	1.64 " "	Average	10	82	M	1.60 " "
Jan. 1851	10	1	M	1.37½ " "	July 1852	10	1	M	1.37½ " "
	10	10	M	1.41½ " "		10	5	M	1.41½ " "
	10	12	M	1.50 " "		10	33	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1852–cono'd.	10	3	M	$1.58½ per day.
	10	3	M	1.62½ " "
	10	4	M	1.66½ " "
	10	12	M	1.75 " "
	10	1	M	1.98 " "
	10	12	M	2.00 " "
Average	10	74	M	1.64 " "
Jan. 1853	10	1	M	1.40 " "
	10	2	M	1.41½ " "
	10	31	M	1.50 " "
	10	4	M	1.58½ " "
	10	4	M	1.62½ " "
	10	6	M	1.66½ " "
	10	11	M	1.75 " "
	10	1	M	1.87½ " "
	10	6	M	2.00 " "
Average	10	66	M	1.61½ " "
July 1853	10	1	M	1.42 " "
	10	24	M	1.50 " "
	10	4	M	1.58½ " "
	10	7	M	1.66½ " "
	10	14	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	1.90 " "
	10	7	M	2.00 " "
Average	10	59	M	1.65½ " "
Jan. 1854	10	2	M	1.37½ " "
	10	1	M	1.40 " "
	10	3	M	1.42 " "
	10	21	M	1.50 " "
	10	2	M	1.58½ " "
	10	4	M	1.62½ " "
	10	11	M	1.66½ " "
	10	15	M	1.75 " "
	10	2	M	1.83½ " "
	10	1	M	1.90 " "
	10	8	M	2.00 " "
Average	10	70	M	1.65½ " "
July 1854	10	2	M	1.42 " "
	10	12	M	1.50 " "
	10	1	M	1.58½ " "
	10	1	M	1.62½ " "
	10	12	M	1.66½ " "
	10	13	M	1.75 " "
	10	5	M	1.83½ " "
	10	2	M	1.90 " "
	10	7	M	2.00 " "
	10	1	M	2.25 " "
Average	10	56	M	1.71½ " "
Jan. 1855	10	2	M	1.40 " "
	10	13	M	1.50 " "
	10	6	M	1.58½ " "
	10	1	M	1.62½ " "
	10	14	M	1.66½ " "
	10	13	M	1.75 " "
	10	7	M	1.83½ " "
	10	1	M	1.87½ " "
	10	2	M	1.90 " "
	10	9	M	2.00 " "
Average	10	68	M	1.70½ " "
July 1855	10	1	M	1.40 " "
	10	2	M	1.42 " "
July 1855–cono'd.	10	18	M	$1.50 per day.
	10	5	M	1.58½ " "
	10	5	M	1.62½ " "
	10	15	M	1.67 " "
	10	12	M	1.75 " "
	10	1	M	1.80 " "
	10	3	M	1.83 " "
	10	2	M	1.90 " "
	10	1	M	1.92 " "
	10	5	M	2.00 " "
Average	10	70	M	1.66 " "
Jan. 1856	10	2	M	1.40 " "
	10	3	M	1.42 " "
	10	16	M	1.50 " "
	10	7	M	1.58½ " "
	10	7	M	1.62½ " "
	10	11	M	1.67 " "
	10	10	M	1.75 " "
	10	1	M	1.80 " "
	10	7	M	1.83 " "
	10	2	M	1.90 " "
	10	1	M	1.92 " "
	10	7	M	2.00 " "
Average	10	74	M	1.67 " "
July 1856	10	1	M	1.40 " "
	10	1	M	1.42 " "
	10	8	M	1.50 " "
	10	2	M	1.58½ " "
	10	1	M	1.60 " "
	10	6	M	1.67 " "
	10	8	M	1.75 " "
	10	3	M	1.80 " "
	10	5	M	1.83 " "
	10	2	M	1.90 " "
	10	1	M	1.92 " "
	10	11	M	2.00 " "
Average	10	49	M	1.75½ " "
Jan. 1857	10	1	M	1.36 " "
	10	1	M	1.42 " "
	10	15	M	1.50 " "
	10	9	M	1.58½ " "
	10	1	M	1.60 " "
	10	6	M	1.62 " "
	10	11	M	1.67 " "
	10	11	M	1.75 " "
	10	12	M	1.83 " "
	10	3	M	1.90 " "
	10	1	M	1.92 " "
	10	10	M	2.00 " "
Average	10	81	M	1.70½ " "
July 1857	10	1	M	1.40 " "
	10	5	M	1.42 " "
	10	1	M	1.45 " "
	10	10	M	1.50 " "
	10	3	M	1.58½ " "
	10	2	M	1.60 " "
	10	4	M	1.62 " "
	10	12	M	1.67 " "
	10	2	M	1.70 " "
	10	14	M	1.75 " "
	10	3	M	1.83 " "
	10	1	M	1.85 " "
	10	1	M	1.90 " "
	10	6	M	1.92 " "
	10	16	M	2.00 " "
Average	10	81	M	1.73 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 53, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1858	10	1	M	$1.38 per day.
	10	7	M	1.40 " "
	10	7	M	1.42 " "
	10	8	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.58½ " "
	10	9	M	1.60 " "
	10	3	M	1.65 " "
	10	1	M	1.70 " "
	10	12	M	1.75 " "
	10	2	M	1.80 " "
	10	3	M	1.85 " "
	10	1	M	1.90 " "
	10	2	M	1.92 " "
	10	3	M	2.00 " "
Average	10	61	M	1.62½ " "
July 1858	10	1	M	1.38 " "
	10	3	M	1.40 " "
	10	4	M	1.42 " "
	10	11	M	1.50 " "
	10	6	M	1.60 " "
	10	2	M	1.65 " "
	10	3	M	1.67 " "
	10	3	M	1.70 " "
	10	4	M	1.75 " "
	10	3	M	1.85 " "
	10	1	M	1.90 " "
	10	1	M	1.92 " "
	10	2	M	2.00 " "
Average	10	44	M	1.61½ " "
Jan. 1859	10	1	M	1.42 " "
	10	1	M	1.45 " "
	10	13	M	1.50 " "
	10	4	M	1.58 " "
	10	5	M	1.60 " "
	10	1	M	1.65 " "
	10	2	M	1.67 " "
	10	4	M	1.75 " "
	10	1	M	1.80 " "
	10	3	M	1.90 " "
	10	6	M	2.00 " "
	10	1	M	2.25 " "
Average	10	42	M	1.67½ " "
July 1859	10	1	M	1.42 " "
	10	1	M	1.45 " "
	10	12	M	1.50 " "
	10	5	M	1.58 " "
	10	5	M	1.60 " "
	10	1	M	1.65 " "
	10	2	M	1.67 " "
	10	4	M	1.75 " "
	10	1	M	1.80 " "
	10	3	M	1.90 " "
	10	3	M	1.92 " "
	10	5	M	2.00 " "
	10	1	M	2.25 " "
Average	10	44	M	1.69 " "
Jan. 1860	10	2	M	1.42 " "
	10	12	M	1.50 " "
	10	2	M	1.58 " "
	10	3	M	1.60 " "
	10	2	M	1.67 " "
	10	7	M	1.75 " "
	10	3	M	1.90 " "
	10	2	M	1.92 " "
	10	8	M	2.00 " "
	10	1	M	2.25 " "
Average	10	42	M	1.72 " "
July 1860	10	4	M	$1.42 per day.
	10	18	M	1.50 " "
	10	4	M	1.58 " "
	10	5	M	1.60 " "
	10	3	M	1.62 " "
	10	1	M	1.65 " "
	10	7	M	1.67 " "
	10	17	M	1.75 " "
	10	1	M	1.83 " "
	10	2	M	1.90 " "
	10	2	M	1.92 " "
	10	10	M	2.00 " "
Average	10	74	M	1.68 " "
Jan. 1861	10	3	M	1.42 " "
	10	19	M	1.50 " "
	10	1	M	1.58 " "
	10	2	M	1.60 " "
	10	1	M	1.62 " "
	10	1	M	1.65 " "
	10	13	M	1.67 " "
	10	20	M	1.75 " "
	10	1	M	1.90 " "
	10	5	M	1.92 " "
	10	15	M	2.00 " "
Average	10	81	M	1.71⅛ " "
July 1861	10	5	M	1.42 " "
	10	33	M	1.50 " "
	10	5	M	1.58 " "
	10	1	M	1.60 " "
	10	5	M	1.62 " "
	10	17	M	1.67 " "
	10	27	M	1.75 " "
	10	3	M	1.83 " "
	10	1	M	1.90 " "
	10	4	M	1.92 " "
	10	13	M	2.00 " "
Average	10	114	M	1.67½ " "
Jan. 1862	10	1	M	1.40 " "
	10	1	M	1.42 " "
	10	26	M	1.50 " "
	10	3	M	1.58 " "
	10	1	M	1.60 " "
	10	7	M	1.62 " "
	10	17	M	1.67 " "
	10	26	M	1.75 " "
	10	6	M	1.83 " "
	10	1	M	1.90 " "
	10	3	M	1.92 " "
	10	12	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.17 " "
	10	4	M	2.25 " "
Average	10	110	M	1.72 " "
July 1862	10	1	M	1.37 " "
	10	16	M	1.50 " "
	10	3	M	1.62 " "
	10	13	M	1.67 " "
	10	23	M	1.75 " "
	10	5	M	1.83 " "
	10	1	M	1.90 " "
	10	5	M	1.92 " "
	10	10	M	2.00 " "
	10	1	M	2.12½ " "
	10	2	M	2.17 " "
	10	1	M	2.25 " "
Average	10	81	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1863	10	1	M	$1.40 per day.
	10	2	M	1.42 " "
	10	15	M	1.50 " "
	10	2	M	1.58 " "
	10	6	M	1.67 " "
	10	29	M	1.75 " "
	10	2	M	1.83 " "
	10	1	M	1.90 " "
	10	1	M	1.92 " "
	10	1	M	1.95 " "
	10	8	M	2.00 " "
	10	6	M	2.17 " "
	10	4	M	2.25 " "
Average	10	78	M	1.77 " "
July 1863	10	1	M	1.40 " "
	10	2	M	1.42 " "
	10	13	M	1.50 " "
	10	1	M	1.58 " "
	10	2	M	1.60 " "
	10	2	M	1.62 " "
	10	2	M	1.67 " "
	10	1	M	1.70 " "
	10	14	M	1.75 " "
	10	4	M	1.83 " "
	10	2	M	1.87 " "
	10	1	M	1.88 " "
	10	5	M	1.92 " "
	10	17	M	2.00 " "
	10	3	M	2.17 " "
Average	10	70	M	1.77½ " "
Jan. 1864	10	2	M	1.42 " "
	10	1	M	1.60 " "
	10	2	M	1.67 " "
	10	16	M	1.75 " "
	10	2	M	1.83 " "
	10	2	M	1.87 " "
	10	1	M	1.88 " "
	10	9	M	1.92 " "
	10	37	M	2.00 " "
	10	4	M	2.17 " "
	10	17	M	2.25 " "
	10	1	M	2.33 " "
	10	18	M	2.50 " "
Average	10	112	M	2.06 " "
July 1864	10	2	M	1.40 " "
	10	3	M	1.42 " "
	10	1	M	1.58 " "
	10	4	M	1.62 " "
	10	3	M	1.67 " "
	10	12	M	1.75 " "
	10	1	M	1.87 " "
	10	13	M	2.00 " "
	10	4	M	2.12 " "
	10	30	M	2.25 " "
	10	2	M	2.33 " "
	10	1	M	2.37 " "
	10	1	M	2.40 " "
	10	23	M	2.50 " "
	10	6	M	2.75 " "
Average	10	106	M	2.15½ " "
Jan. 1865	10	1	M	1.42 " "
	10	2	M	1.60 " "
	10	2	M	1.62 " "
	10	1	M	1.67 " "
	10	1	M	1.83 " "
	10	9	M	2.00 " "
	10	20	M	2.25 " "
Jan. 1865–conc'd.	10	3	M	$2.33 per day.
	10	1	M	2.38 " "
	10	24	M	2.50 " "
	10	13	M	2.75 " "
	10	1	M	2.87 " "
Average	10	78	M	2.34 " "
July 1865	10	1	M	1.58 " "
	10	1	M	1.62 " "
	10	9	M	2.00 " "
	10	28	M	2.25 " "
	10	2	M	2.33 " "
	10	1	M	2.37 " "
	10	1	M	2.38 " "
	10	21	M	2.50 " "
	10	1	M	2.65 " "
	10	11	M	2.75 " "
	10	1	M	2.87 " "
Average	10	77	M	2.36 " "
Jan. 1866	10	1	M	1.58 " "
	10	1	M	1.62 " "
	10	11	M	2.00 " "
	10	19	M	2.25 " "
	10	4	M	2.33 " "
	10	1	M	2.37 " "
	10	26	M	2.50 " "
	10	22	M	2.75 " "
	10	1	M	2.87 " "
Average	10	86	M	2.42 " "
July 1866	10	13	M	2.00 " "
	10	1	M	2.12 " "
	10	15	M	2.25 " "
	10	3	M	2.33 " "
	10	3	M	2.37 " "
	10	28	M	2.50 " "
	10	1	M	2.65 " "
	10	2	M	2.67 " "
	10	17	M	2.75 " "
	10	13	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	98	M	2.51½ " "
Jan. 1867	10	9	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.12 " "
	10	22	M	2.25 " "
	10	3	M	2.33 " "
	10	3	M	2.37 " "
	10	34	M	2.50 " "
	10	1	M	2.65 " "
	10	2	M	2.67 " "
	10	16	M	2.75 " "
	10	16	M	3.00 " "
	10	3	M	3.25 " "
	10	2	M	3.50 " "
Average	10	113	M	2.54½ " "
July 1867	10	10	M	2.00 " "
	10	1	M	2.10 " "
	10	19	M	2.25 " "
	10	2	M	2.33 " "
	10	1	M	2.37 " "
	10	27	M	2.50 " "
	10	2	M	2.67 " "
	10	20	M	2.75 " "
	10	17	M	3.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1867–conc'd.	10	2	M	$3.25 per day.
	10	2	M	3.50 " "
Average	10	103	M	2.56½ " "
Jan. 1868	10	10	M	2.00 " "
	10	2	M	2.10 " "
	10	13	M	2.25 " "
	10	2	M	2.33 " "
	10	1	M	2.37 " "
	10	29	M	2.50 " "
	10	2	M	2.67 " "
	10	17	M	2.75 " "
	10	1	M	2.85 " "
	10	15	M	3.00 " "
	10	2	M	3.50 " "
Average	10	94	M	2.55 " "
July 1868	10	17	M	2.00 " "
	10	1	M	2.12½ " "
	10	2	M	2.15 " "
	10	17	M	2.25 " "
	10	1	M	2.37 " "
	10	17	M	2.50 " "
	10	2	M	2.67 " "
	10	12	M	2.75 " "
	10	13	M	3.00 " "
	10	2	M	3.25 " "
	10	1	M	3.50 " "
Average	10	85	M	2.48 " "
Jan. 1869	10	16	M	2.00 " "
	10	1	M	2.15 " "
	10	17	M	2.25 " "
	10	1	M	2.37 " "
	10	13	M	2.50 " "
	10	1	M	2.60 " "
	10	2	M	2.67 " "
	10	3	M	2.70 " "
	10	14	M	2.75 " "
	10	1	M	2.87 " "
	10	12	M	3.00 " "
	10	1	M	3.25 " "
	10	2	M	3.50 " "
Average	10	84	M	2.51 " "
July 1869	10	9	M	2.00 " "
	10	1	M	2.15 " "
	10	1	M	2.17 " "
	10	18	M	2.25 " "
	10	2	M	2.37 " "
	10	4	M	2.42 " "
	10	17	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.67 " "
	10	2	M	2.70 " "
	10	24	M	2.75 " "
	10	1	M	2.87 " "
	10	15	M	3.00 " "
	10	1	M	3.25 " "
	10	2	M	3.50 " "
Average	10	99	M	2.57 " "
Jan. 1870	10	6	M	2.00 " "
	10	1	M	2.12 " "
	10	1	M	2.15 " "
	10	1	M	2.17 " "
	10	8	M	2.25 " "
	10	1	M	2.37 " "
	10	2	M	2.42 " "
Jan. 1870–conc'd.	10	14	M	$2.50 per day.
	10	1	M	2.60 " "
	10	1	M	2.67 " "
	10	4	M	2.70 " "
	10	14	M	2.75 " "
	10	1	M	2.87 " "
	10	16	M	3.00 " "
	10	1	M	3.25 " "
	10	3	M	3.50 " "
Average	10	75	M	2.64 " "
July 1870	10	6	M	2.00 " "
	10	1	M	2.10 " "
	10	17	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	18	M	2.50 " "
	10	1	M	2.62 " "
	10	2	M	2.67 " "
	10	2	M	2.70 " "
	10	8	M	2.75 " "
	10	6	M	3.00 " "
	10	1	M	3.25 " "
	10	3	M	3.50 " "
Average	10	67	M	2.52½ " "
Jan. 1871	10	4	M	2.00 " "
	10	1	M	2.10 " "
	10	12	M	2.25 " "
	10	2	M	2.35 " "
	10	1	M	2.37 " "
	10	1	M	2.40 " "
	10	15	M	2.50 " "
	10	15	M	2.75 " "
	10	8	M	3.00 " "
	10	1	M	3.25 " "
	10	2	M	3.50 " "
Average	10	62	M	2.57½ " "
July 1871	10	2	M	2.00 " "
	10	7	M	2.25 " "
	10	3	M	2.35 " "
	10	1	M	2.37 " "
	10	16	M	2.50 " "
	10	16	M	2.75 " "
	10	1	M	2.80 " "
	10	1	M	2.87 " "
	10	6	M	3.00 " "
	10	3	M	3.25 " "
	10	2	M	3.50 " "
Average	10	58	M	2.65 " "
Jan. 1872	10	6	M	2.00 " "
	10	1	M	2.10 " "
	10	4	M	2.25 " "
	10	1	M	2.37 " "
	10	26	M	2.50 " "
	10	17	M	2.75 " "
	10	2	M	2.87½ " "
	10	10	M	3.00 " "
	10	3	M	3.25 " "
	10	5	M	3.50 " "
Average	10	75	M	2.67 " "
July 1872	10	3	M	2.00 " "
	10	14	M	2.25 " "
	10	1	M	2.37 " "
	10	21	M	2.50 " "
	10	16	M	2.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1872–conc'd.	10	2	M	$2.87½ per day.
	10	1	M	2.90 " "
	10	17	M	3.00 " "
	10	2	M	3.25 " "
	10	1	M	3.40 " "
	10	4	M	3.50 " "
Average	10	82	M	2.68 " "
Jan. 1873	10	2	M	2.00 " "
	10	12	M	2.25 " "
	10	16	M	2.50 " "
	10	1	M	2.65 " "
	10	19	M	2.75 " "
	10	1	M	2.87½ " "
	10	20	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.40 " "
	10	2	M	3.50 " "
Average	10	75	M	2.70 " "
July 1873	10	2	M	2.00 " "
	10	10	M	2.25 " "
	10	1	M	2.37 " "
	10	11	M	2.50 " "
	10	1	M	2.67 " "
	10	16	M	2.75 " "
	10	1	M	2.87½ " "
	10	15	M	3.00 " "
	10	1	M	3.25 " "
	10	2	M	3.40 " "
	10	2	M	3.50 " "
Average	10	62	M	2.71 " "
Jan. 1874	10	11	M	2.00 " "
	10	1	M	2.15 " "
	10	3	M	2.20 " "
	10	7	M	2.25 " "
	10	1	M	2.30 " "
	10	2	M	2.40 " "
	10	11	M	2.45 " "
	10	11	M	2.50 " "
	10	2	M	2.60 " "
	10	9	M	2.65 " "
	10	3	M	2.70 " "
	10	2	M	2.80 " "
	10	3	M	3.00 " "
	10	1	M	3.15 " "
	10	2	M	3.50 " "
Average	10	69	M	2.46½ " "
July 1874	10	5	M	2.00 " "
	10	1	M	2.15 " "
	10	2	M	2.20 " "
	10	7	M	2.25 " "
	10	1	M	2.37 " "
	10	2	M	2.40 " "
	10	7	M	2.45 " "
	10	6	M	2.50 " "
	10	1	M	2.60 " "
	10	8	M	2.65 " "
	10	3	M	2.70 " "
	10	2	M	2.80 " "
	10	1	M	3.00 " "
	10	2	M	3.50 " "
Average	10	48	M	2.48 " "
Jan. 1875	10	3	M	2.00 " "
	10	2	M	2.20 " "
	10	7	M	2.25 " "
Jan. 1875–conc'd.	10	2	M	$2.35 per day.
	10	1	M	2.37 " "
	10	3	M	2.40 " "
	10	5	M	2.45 " "
	10	13	M	2.50 " "
	10	1	M	2.60 " "
	10	8	M	2.65 " "
	10	3	M	2.70 " "
	10	6	M	2.75 " "
	10	2	M	2.80 " "
	10	1	M	3.00 " "
	10	2	M	3.50 " "
Average	10	59	M	2.53 " "
July 1875	10	5	M	2.00 " "
	10	2	M	2.20 " "
	10	6	M	2.25 " "
	10	1	M	2.35 " "
	10	3	M	2.40 " "
	10	5	M	2.45 " "
	10	11	M	2.50 " "
	10	1	M	2.60 " "
	10	3	M	2.65 " "
	10	3	M	2.70 " "
	10	1	M	2.75 " "
	10	2	M	2.80 " "
	10	1	M	3.00 " "
	10	2	M	3.50 " "
Average	10	46	M	2.48½ " "
Jan. 1876	10	5	M	2.00 " "
	10	1	M	2.15 " "
	10	2	M	2.20 " "
	10	7	M	2.25 " "
	10	3	M	2.40 " "
	10	5	M	2.45 " "
	10	9	M	2.50 " "
	10	5	M	2.65 " "
	10	5	M	2.70 " "
	10	3	M	2.75 " "
	10	2	M	2.80 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
Average	10	50	M	2.48½ " "
July 1876	10	1	M	2.05 " "
	10	7	M	2.10 " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	3	M	2.30 " "
	10	3	M	2.35 " "
	10	2	M	2.40 " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	25	M	2.32 " "
Jan. 1877	10	1	M	2.00 " "
	10	7	M	2.10 " "
	10	6	M	2.25 " "
	10	4	M	2.30 " "
	10	3	M	2.35 " "
	10	1	M	2.37 " "
	10	2	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
Average	10	28	M	2.28 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1877	10	4	M	$2.00 per day.
	10	6	M	2.10 " "
	10	8	M	2.25 " "
	10	3	M	2.30 " "
	10	7	M	2.35 " "
	10	1	M	2.40 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
Average	10	34	M	2.27½ " "
Jan. 1878	10	3	M	2.00 " "
	10	6	M	2.10 " "
	10	1	M	2.20 " "
	10	5	M	2.25 " "
	10	2	M	2.30 " "
	10	5	M	2.35 " "
	10	1	M	2.37 " "
	10	1	M	2.40 " "
	10	6	M	2.50 " "
	10	1	M	2.60 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
Average	10	35	M	2.35 " "
July 1878	10	8	M	2.00 " "
	10	4	M	2.10 " "
	10	10	M	2.25 " "
	10	3	M	2.30 " "
	10	7	M	2.35 " "
	10	1	M	2.40 " "
	10	11	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	3.00 " "
Average	10	46	M	2.30 " "
Jan. 1879	10	5	M	2.00 " "
	10	5	M	2.10 " "
	10	4	M	2.25 " "
	10	2	M	2.30 " "
	10	4	M	2.35 " "
	10	1	M	2.40 " "
	10	7	M	2.50 " "
	10	1	M	2.60 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
Average	10	34	M	2.37 " "
July 1879	10	6	M	2.00 " "
	10	8	M	2.10 " "
	10	14	M	2.15 " "
	10	5	M	2.20 " "
	10	2	M	2.25 " "
	10	1	M	2.30 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	3	M	3.00 " "
Average	10	44	M	2.23 " "
Jan. 1880	10	6	M	2.00 " "
	10	6	M	2.10 " "
	10	5	M	2.15 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	3.50 " "
Average	10	22	M	2.18 " "
July 1880	10	16	M	$2.00 per day.
	10	3	M	2.10 " "
	10	5	M	2.15 " "
	10	1	M	2.20 " "
	10	40	M	2.25 " "
	10	3	M	2.30 " "
	10	21	M	2.50 " "
	10	1	M	2.60 " "
	10	3	M	2.75 " "
	10	6	M	3.00 " "
	10	2	M	3.50 " "
Average	10	101	M	2.34 " "
Jan. 1881	10	24	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.15 " "
	10	41	M	2.25 " "
	10	2	M	2.35 " "
	10	21	M	2.50 " "
	10	1	M	2.60 " "
	10	3	M	2.75 " "
	10	9	M	3.00 " "
Average	10	103	M	2.32½ " "
July 1881	10	31	M	2.00 " "
	10	1	M	2.10 " "
	10	27	M	2.25 " "
	10	29	M	2.50 " "
	10	1	M	2.60 " "
	10	6	M	2.75 " "
	10	8	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	105	M	2.35½ " "
Jan. 1882	10	33	M	2.00 " "
	10	2	M	2.10 " "
	10	2	M	2.15 " "
	10	23	M	2.25 " "
	10	50	M	2.50 " "
	10	1	M	2.60 " "
	10	8	M	2.75 " "
	10	1	M	2.90 " "
	10	8	M	3.00 " "
	10	1	M	3.25 " "
	10	6	M	3.50 " "
Average	10	135	M	2.42 " "
July 1882	10	29	M	2.00 " "
	10	8	M	2.15 " "
	10	13	M	2.25 " "
	10	3	M	2.35 " "
	10	37	M	2.50 " "
	10	15	M	2.75 " "
	10	1	M	2.85 " "
	10	13	M	3.00 " "
	10	7	M	3.50 " "
Average	10	126	M	2.47½ " "
Jan. 1883	10	36	M	2.00 " "
	10	6	M	2.15 " "
	10	21	M	2.25 " "
	10	1	M	2.35 " "
	10	37	M	2.50 " "
	10	1	M	2.65 " "
	10	26	M	2.75 " "
	10	1	M	2.85 " "
	10	22	M	3.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883-con'd.	10	2	M	$3.25 per day.
	10	15	M	3.50 " "
Average	10	168	M	2.55½ " "
July 1883	10	20	M	2.00 " "
	10	1	M	2.15 " "
	10	18	M	2.25 " "
	10	11	M	2.50 " "
	10	11	M	2.75 " "
	10	5	M	3.00 " "
	10	4	M	3.15 " "
	10	2	M	3.25 " "
	10	4	M	3.50 " "
Average	10	76	M	2.48 " "
Jan. 1884	10	21	M	2.00 " "
	10	4	M	2.15 " "
	10	46	M	2.25 " "
	10	28	M	2.50 " "
	10	1	M	2.60 " "
	10	3	M	2.65 " "
	10	16	M	2.75 " "
	10	12	M	3.00 " "
	10	4	M	3.15 " "
	10	5	M	3.25 " "
Average	10	140	M	2.45½ " "
July 1884	10	24	M	2.00 " "
	10	2	M	2.15 " "
	10	40	M	2.25 " "
	10	1	M	2.30 " "
	10	23	M	2.50 " "
	10	1	M	2.60 " "
	10	4	M	2.65 " "
	10	18	M	2.75 " "
	10	14	M	3.00 " "
	10	2	M	3.15 " "
	10	8	M	3.25 " "
	10	2	M	3.50 " "
Average	10	139	M	2.49 " "
Jan. 1885	10	35	M	2.00 " "
	10	2	M	2.15 " "
	10	22	M	2.25 " "
	10	3	M	2.35 " "
	10	4	M	2.40 " "
	10	21	M	2.50 " "
	10	2	M	2.60 " "
	10	1	M	2.65 " "
	10	16	M	2.70 " "
	10	10	M	2.75 " "
	10	2	M	2.90 " "
	10	10	M	3.00 " "
	10	6	M	3.15 " "
	10	4	M	3.25 " "
	10	3	M	3.50 " "
Average	10	141	M	2.48 " "
July 1885	10	7	M	2.00 " "
	10	5	M	2.25 " "
	10	2	M	2.35 " "
	10	2	M	2.40 " "
	10	9	M	2.50 " "
	10	3	M	2.70 " "
	10	2	M	2.75 " "
	10	3	M	3.00 " "
	10	3	M	3.25 " "
	10	2	M	3.50 " "
Average	10	38	M	2.54 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886	10	22	M	$2.00 per day.
	10	13	M	2.25 " "
	10	2	M	2.35 " "
	10	10	M	2.50 " "
	10	3	M	2.70 " "
	10	2	M	2.75 " "
	10	4	M	3.00 " "
	10	4	M	3.50 " "
Average	10	60	M	2.37½ " "
July 1886	10	15	M	2.00 " "
	10	8	M	2.25 " "
	10	7	M	2.50 " "
	10	1	M	2.70 " "
	10	2	M	2.75 " "
	10	9	M	3.00 " "
	10	3	M	3.50 " "
Average	10	45	M	2.47 " "
Jan. 1887	10	24	M	2.00 " "
	10	10	M	2.25 " "
	10	1	M	2.40 " "
	10	20	M	2.50 " "
	10	3	M	2.75 " "
	10	13	M	3.00 " "
	10	2	M	3.20 " "
	10	2	M	3.50 " "
Average	10	75	M	2.44½ " "
July 1887	10	21	M	2.00 " "
	10	9	M	2.25 " "
	10	1	M	2.40 " "
	10	7	M	2.50 " "
	10	4	M	2.75 " "
	10	5	M	3.00 " "
	10	2	M	3.20 " "
	10	1	M	3.25 " "
	10	2	M	3.50 " "
Average	10	52	M	2.40 " "
Jan. 1888	10	24	M	2.00 " "
	10	7	M	2.25 " "
	10	1	M	2.40 " "
	10	10	M	2.50 " "
	10	4	M	2.75 " "
	10	4	M	3.00 " "
	10	4	M	3.20 " "
	10	2	M	3.50 " "
Average	10	56	M	2.39 " "
July 1888	10	11	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
	10	3	M	3.20 " "
	10	1	M	3.50 " "
Average	10	25	M	2.45½ " "
Jan. 1889	10	22	M	2.00 " "
	10	4	M	2.25 " "
	10	2	M	2.40 " "
	10	13	M	2.50 " "
	10	1	M	2.65 " "
	10	1	M	2.70 " "
	10	7	M	2.75 " "
	10	13	M	3.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1889-conc'd.	10	1	M	$3.25 per day.	July 1890-conc'd.	10	7	M	$2.50 per day.
	10	1	M	3.50 " "		10	7	M	2.75 " "
						10	14	M	3.00 " "
Average	10	65	M	2.47 " "		10	2	M	3.20 " "
July 1889	10	32	M	2.00 " "	Average	10	79	M	2.37 " "
	10	14	M	2.25 " "					
	10	2	M	2.40 " "	Jan. 1891	10	38	M	2.00 " "
	10	21	M	2.50 " "		10	2	M	2.20 " "
	10	1	M	2.65 " "		10	23	M	2.25 " "
	10	6	M	2.75 " "		10	2	M	2.40 " "
	10	19	M	3.00 " "		10	10	M	2.50 " "
	10	3	M	3.50 " "		10	3	M	2.65 " "
						10	11	M	2.75 " "
Average	10	98	M	2.44½ " "		10	13	M	3.00 " "
						10	2	M	3.20 " "
Jan. 1890	10	29	M	2.00 " "		10	2	M	3.25 " "
	10	1	M	2.20 " "		10	5	M	3.50 " "
	10	9	M	2.25 " "					
	10	2	M	2.40 " "	Average	10	111	M	2.43 " "
	10	17	M	2.50 " "					
	10	2	M	2.60 " "	July 1891	10	73	M	2.00 " "
	10	1	M	2.65 " "		10	23	M	2.25 " "
	10	3	M	2.75 " "		10	3	M	2.40 " "
	10	13	M	3.00 " "		10	28	M	2.50 " "
	10	1	M	3.25 " "		10	31	M	2.75 " "
	10	1	M	3.33½ " "		10	17	M	3.00 " "
						10	2	M	3.20 " "
Average	10	79	M	2.40 " "		10	4	M	3.25 " "
						10	3	M	3.50 " "
July 1890	10	34	M	2.00 " "					
	10	12	M	2.25 " "	Average	10	184	M	2.39½ " "
	10	3	M	2.40 " "					

MACHINISTS' HELPERS.

July 1849	10	1	M	1.08 per day.	July 1852	10	4	M	1.12½ per day.
	10	1	M	1.13 " "		10	13	M	1.25 " "
	10	9	M	1.25 " "		10	7	M	1.33½ " "
	10	5	M	1.33½ " "					
					Average	10	24	M	1.25½ " "
Average	10	16	M	1.26 " "					
					Jan. 1853	10	3	M	1.12½ " "
Jan. 1850	10	1	M	1.12½ " "		10	1	M	1.16½ " "
	10	7	M	1.25 " "		10	10	M	1.25 " "
	10	9	M	1.33½ " "		10	1	M	1.30 " "
						10	8	M	1.33½ " "
Average	10	17	M	1.29 " "					
					Average	10	23	M	1.26 " "
July 1850	10	1	M	1.08 " "					
	10	1	M	1.12½ " "	July 1853	10	2	M	1.12½ " "
	10	5	M	1.25 " "		10	9	M	1.25 " "
	10	8	M	1.33½ " "		10	1	M	1.30 " "
						10	7	M	1.33½ " "
Average	10	15	M	1.27½ " "					
					Average	10	19	M	1.27 " "
Jan. 1851	10	2	M	1.12½ " "					
	10	4	M	1.25 " "	Jan. 1854	10	4	M	1.12½ " "
	10	5	M	1.33½ " "		10	2	M	1.16½ " "
						10	6	M	1.25 " "
Average	10	11	M	1.26½ " "		10	1	M	1.30 " "
						10	7	M	1.33½ " "
July 1851	10	2	M	1.12½ " "					
	10	1	M	1.15 " "	Average	10	20	M	1.25 " "
	10	5	M	1.25 " "					
	10	2	M	1.33½ " "	July 1854	10	2	M	1.16½ " "
						10	7	M	1.25 " "
Average	10	10	M	1.23 " "		10	1	M	1.33½ " "
Jan. 1852	10	4	M	1.12½ " "	Average	10	10	M	1.24 " "
	10	16	M	1.25 " "					
	10	9	M	1.33½ " "	Jan. 1855	10	1	M	1.08 " "
						10	1	M	1.12½ " "
Average	10	29	M	1.26 " "		10	1	M	1.16½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1855–conc'd.	10	2	M	$1.25 per day.
	10	5	M	1.33½ " "
Average	10	10	M	1.25½ " "
July 1855	10	2	M	1.08 " "
	10	1	M	1.12 " "
	10	3	M	1.16½ " "
	10	2	M	1.25 " "
	10	8	M	1.33½ " "
Average	10	16	M	1.24½ " "
Jan. 1856	10	1	M	1.08 " "
	10	2	M	1.25 " "
	10	10	M	1.33½ " "
Average	10	13	M	1.30 " "
July 1856	10	1	M	1.08 " "
	10	1	M	1.10 " "
	10	4	M	1.16½ " "
	10	6	M	1.25 " "
	10	3	M	1.33½ " "
Average	10	15	M	1.22½ " "
Jan. 1857	10	2	M	1.10 " "
	10	2	M	1.16½ " "
	10	6	M	1.25 " "
	10	8	M	1.33½ " "
	10	1	M	1.34 " "
Average	10	19	M	1.26½ " "
July 1857	10	1	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.16½ " "
	10	7	M	1.25 " "
	10	3	M	1.33½ " "
Average	10	13	M	1.24½ " "
Jan. 1858	10	1	M	1.08 " "
	10	1	M	1.10 " "
	10	3	M	1.21 " "
	10	4	M	1.28 " "
	10	3	M	1.30 " "
	10	1	M	1.33½ " "
	10	3	M	1.35 " "
Average	10	16	M	1.26½ " "
July 1858	10	1	M	1.08 " "
	10	3	M	1.16½ " "
	10	2	M	1.21 " "
	10	8	M	1.25 " "
	10	5	M	1.28 " "
	10	1	M	1.35 " "
Average	10	20	M	1.23½ " "
Jan. 1859	10	1	M	1.12 " "
	10	2	M	1.21 " "
	10	4	M	1.25 " "
	10	1	M	1.28 " "
	10	3	M	1.33½ " "
Average	10	11	M	1.25½ " "
July 1859	10	1	M	1.12 " "
	10	2	M	1.21 " "
	10	4	M	1.25 " "
	10	1	M	1.28 " "
July 1859–conc'd.	10	1	M	$1.32 per day.
	10	4	M	1.33½ " "
Average	10	13	M	1.27 " "
Jan. 1860	10	6	M	1.25 " "
	10	3	M	1.33½ " "
Average	10	9	M	1.28 " "
July 1860	10	1	M	1.08 " "
	10	1	M	1.16½ " "
	10	10	M	1.25 " "
	10	2	M	1.33½ " "
Average	10	14	M	1.24½ " "
Jan. 1861	10	3	M	1.16½ " "
	10	9	M	1.25 " "
	10	1	M	1.30 " "
	10	8	M	1.33½ " "
Average	10	21	M	1.27½ " "
July 1861	10	2	M	1.08 " "
	10	1	M	1.12 " "
	10	3	M	1.16½ " "
	10	18	M	1.25 " "
	10	1	M	1.30 " "
	10	8	M	1.33½ " "
Average	10	33	M	1.25 " "
Jan. 1862	10	1	M	1.08 " "
	10	1	M	1.16½ " "
	10	8	M	1.25 " "
	10	8	M	1.33½ " "
Average	10	18	M	1.27½ " "
July 1862	10	4	M	1.16½ " "
	10	4	M	1.25 " "
	10	6	M	1.33½ " "
Average	10	14	M	1.26 " "
Jan. 1863	10	2	M	1.16½ " "
	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	5	M	1.33½ " "
Average	10	10	M	1.28 " "
July 1863	10	1	M	1.08 " "
	10	3	M	1.10 " "
	10	11	M	1.12½ " "
	10	3	M	1.16½ " "
	10	10	M	1.25 " "
	10	4	M	1.33½ " "
Average	10	32	M	1.19 " "
Jan. 1864	10	1	M	1.08 " "
	10	4	M	1.10 " "
	10	10	M	1.12½ " "
	10	8	M	1.16½ " "
	10	10	M	1.25 " "
	10	7	M	1.33½ " "
	10	13	M	1.50 " "
Average	10	53	M	1.27 " "
July 1864	10	2	M	1.10 " "
	10	1	M	1.16½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1864—conc'd.	10	13	M	$1.25 per day.
	10	2	M	1.33⅓ " "
	10	24	M	1.50 " "
Average	10	42	M	1.39 " "
Jan. 1865	10	1	M	1.16⅔ " "
	10	6	M	1.25 " "
	10	2	M	1.33⅓ " "
	10	21	M	1.50 " "
Average	10	30	M	1.43 " "
July 1865	10	1	M	1.40 " "
	10	19	M	1.50 " "
Average	10	20	M	1.49½ " "
Jan. 1866	10	1	M	1.40 " "
	10	20	M	1.50 " "
	10	1	M	1.67 " "
	10	2	M	1.70 " "
	10	2	M	1.87½ " "
Average	10	26	M	1.54½ " "
July 1866	10	1	M	1.40 " "
	10	19	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.70 " "
	10	2	M	1.87½ " "
Average	10	24	M	1.54½ " "
Jan. 1867	10	29	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.87½ " "
Average	10	31	M	1.52 " "
July 1867	10	23	M	1.50 " "
	10	2	M	1.67 " "
	10	1	M	1.87½ " "
Average	10	26	M	1.52½ " "
Jan. 1868	10	22	M	1.50 " "
	10	2	M	1.67 " "
	10	1	M	1.87½ " "
Average	10	25	M	1.53 " "
July 1868	10	17	M	1.50 " "
Jan. 1869	10	15	M	1.50 " "
	10	1	M	1.80 " "
	10	1	M	1.87½ " "
Average	10	17	M	1.54 " "
July 1869	10	17	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.80 " "
	10	1	M	1.92 " "
Average	10	20	M	1.54½ " "
Jan. 1870	10	15	M	1.50 " "
	10	1	M	1.92 " "
Average	10	16	M	1.52⅔ " "
July 1870	10	7	M	$1.50 per day.
Jan. 1871	10	11	M	1.50 " "
	10	2	M	1.90 " "
Average	10	13	M	1.56 " "
July 1871	10	11	M	1.50 " "
	10	1	M	1.90 " "
Average	10	12	M	1.53½ " "
Jan. 1872	10	17	M	1.50 " "
	10	1	M	1.85 " "
Average	10	18	M	1.52 " "
July 1872	10	16	M	1.50 " "
Jan. 1873	10	19	M	1.50 " "
July 1873	10	21	M	1.50 " "
Jan. 1874	10	12	M	1.50 " "
	10	1	M	1.80 " "
	10	1	M	1.96 " "
Average	10	14	M	1.55 " "
July 1874	10	3	M	1.50 " "
Jan. 1875	10	3	M	1.50 " "
July 1875	10	3	M	1.50 " "
Jan. 1876	10	1	M	1.50 " "
	10	2	M	1.87 " "
Average	10	3	M	1.74½ " "
July 1876	10	3	M	1.90 " "
Jan. 1877	10	1	M	1.90 " "
July 1877	10	1	M	1.50 " "
	10	2	M	1.90 " "
Average	10	3	M	1.76⅔ " "
Jan. 1878	10	3	M	1.50 " "
	10	1	M	1.90 " "
Average	10	4	M	1.60 " "
July 1878	10	6	M	1.50 " "
	10	1	M	1.90 " "
Average	10	7	M	1.55½ " "
Jan. 1879	10	4	M	1.50 " "
	10	2	M	1.90 " "
Average	10	6	M	1.63½ " "
July 1879	10	4	M	1.50 " "
	10	3	M	1.80 " "
	10	1	M	1.90 " "
Average	10	8	M	1.66⅔ " "
Jan. 1880	10	8	M	1.50 " "
	10	7	M	1.80 " "
	10	1	M	1.90 " "
Average	10	16	M	1.65½ " "
July 1880	10	9	M	1.50 " "
	10	9	M	1.75 " "
	10	1	M	1.80 " "
Average	10	19	M	1.63½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881	10	21	M	$1.50 per day.
	10	12	M	1.75 " "
	10	2	M	1.80 " "
Average	10	35	M	1.60½ " "
July 1881	10	20	M	1.50 " "
	10	17	M	1.75 " "
	10	2	M	1.80 " "
	10	1	M	1.87½ " "
Average	10	40	M	1.63 " "
Jan. 1882	10	40	M	1.50 " "
	10	2	M	1.60 " "
	10	18	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.85 " "
	10	3	M	1.90 " "
Average	10	65	M	1.60 " "
July 1882	10	27	M	1.50 " "
	10	3	M	1.60 " "
	10	20	M	1.75 " "
Average	10	50	M	1.60½ " "
Jan. 1883	10	34	M	1.50 " "
	10	1	M	1.60 " "
	10	33	M	1.75 " "
	10	1	M	1.95 " "
Average	10	69	M	1.63 " "
July 1883	10	15	M	1.50 " "
	10	7	M	1.60 " "
	10	4	M	1.75 " "
	10	11	M	1.80 " "
	10	3	M	1.95 " "
Average	10	40	M	1.66 " "
Jan. 1884	10	27	M	1.50 " "
	10	6	M	1.60 " "
	10	6	M	1.75 " "
	10	13	M	1.80 " "
	10	2	M	1.95 " "
Average	10	54	M	1.63 " "
July 1884	10	18	M	1.50 " "
	10	4	M	1.60 " "
	10	15	M	1.75 " "
	10	5	M	1.80 " "
	10	3	M	1.90 " "
Average	10	45	M	1.65 " "
Jan. 1885	10	20	M	1.50 " "
	10	6	M	1.60 " "
	10	10	M	1.75 " "
	10	8	M	1.80 " "
Average	10	44	M	1.62½ " "
July 1885	10	14	M	1.50 " "
	10	5	M	1.60 " "
	10	9	M	1.75 " "
	10	8	M	1.80 " "
	10	3	M	1.95 " "
Average	10	39	M	1.66½ " "
Jan. 1886	10	23	M	1.50 " "
	10	5	M	1.60 " "
Jan. 1886—conc'd.	10	21	M	$1.75 per day.
	10	4	M	1.80 " "
	10	2	M	1.90 " "
	10	1	M	1.95 " "
Average	10	56	M	1.64½ " "
July 1886	10	12	M	1.50 " "
	10	5	M	1.60 " "
	10	2	M	1.65 " "
	10	13	M	1.75 " "
	10	2	M	1.80 " "
Average	10	34	M	1.63½ " "
Jan. 1887	10	10	M	1.50 " "
	10	2	M	1.60 " "
	10	6	M	1.65 " "
	10	17	M	1.75 " "
	10	4	M	1.80 " "
Average	10	39	M	1.67 " "
July 1887	10	9	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
	10	19	M	1.75 " "
	10	4	M	1.80 " "
	10	2	M	1.90 " "
Average	10	37	M	1.69 " "
Jan. 1888	10	22	M	1.50 " "
	10	1	M	1.65 " "
	10	17	M	1.75 " "
	10	2	M	1.80 " "
Average	10	42	M	1.62 " "
July 1888	10	11	M	1.50 " "
	10	3	M	1.60 " "
	10	1	M	1.65 " "
	10	3	M	1.70 " "
	10	2	M	1.75 " "
	10	1	M	1.80 " "
Average	10	21	M	1.59 " "
Jan. 1889	10	16	M	1.50 " "
	10	2	M	1.65 " "
	10	1	M	1.70 " "
	10	17	M	1.75 " "
Average	10	36	M	1.63 " "
July 1889	10	22	M	1.50 " "
	10	4	M	1.65 " "
	10	12	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	39	M	1.60 " "
Jan. 1890	10	30	M	1.50 " "
	10	3	M	1.65 " "
	10	15	M	1.75 " "
Average	10	48	M	1.58½ " "
July 1890	10	24	M	1.50 " "
	10	2	M	1.65 " "
	10	16	M	1.75 " "
	10	2	M	1.80 " "
	10	4	M	1.90 " "
Average	10	48	M	1.63½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891	10	43	M	$1.50 per day.	July 1891	10	114	M	$1.50 per day.
	10	30	M	1.75 " "		10	2	M	1.60 " "
	10	1	M	1.85 " "		10	1	M	1.67 " "
	10	2	M	1.90 " "		10	99	M	1.75 " "
Average	10	76	M	1.61½ " "	Average	10	216	M	1.61½ " "

MOULDERS, BRONZE.

July 1870	10	1	M	2.50 per day.	Jan. 1874–cone'd.	10	1	M	2.25 per day.
	10	1	M	3.00 " "		10	1	M	2.50 " "
	10	1	M	3.50 " "		10	1	M	3.25 " "
	10	1	M	4.75 " "		10	2	M	4.00 " "
						10	1	M	5.00 " "
Average	10	4	M	3.43½ " "	Average	10	8	M	3.15 " "
Jan. 1871	10	2	M	1.75 " "	July 1874	10	1	M	2.00 " "
	10	2	M	2.50 " "		10	1	M	2.20 " "
	10	1	M	3.00 " "		10	2	M	2.50 " "
	10	1	M	3.50 " "		10	1	M	3.25 " "
	10	1	M	4.00 " "		10	1	M	4.00 " "
	10	1	M	4.75 " "					
Average	10	8	M	2.97 " "	Average	10	6	M	2.74 " "
July 1871	10	1	M	1.75 " "	Jan. 1875	10	3	M	2.00 " "
	10	1	M	2.75 " "		10	3	M	2.50 " "
	10	2	M	3.00 " "		10	1	M	3.25 " "
	10	1	M	4.75 " "		10	3	M	4.00 " "
Average	10	5	M	3.05 " "	Average	10	10	M	2.87½ " "
Jan. 1872	10	1	M	2.00 " "	July 1875	10	2	M	2.00 " "
	10	1	M	2.50 " "		10	3	M	2.50 " "
	10	1	M	2.75 " "		10	1	M	2.75 " "
	10	2	M	3.00 " "		10	1	M	3.00 " "
	10	1	M	4.16½ " "		10	1	M	3.25 " "
	10	1	M	4.75 " "		10	3	M	4.00 " "
Average	10	7	M	3.16½ " "	Average	10	11	M	2.95½ " "
July 1872	10	1	M	2.00 " "	Jan. 1876	10	1	M	2.00 " "
	10	1	M	2.50 " "		10	1	M	2.25 " "
	10	1	M	2.75 " "		10	1	M	2.50 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
	10	1	M	4.00 " "		10	5	M	4.00 " "
	10	1	M	4.50 " "					
Average	10	6	M	3.12½ " "	Average	10	9	M	3.30½ " "
Jan. 1873	10	1	M	2.00 " "	July 1876	10	1	M	2.00 " "
	10	1	M	2.50 " "		10	1	M	2.25 " "
	10	1	M	2.75 " "		10	1	M	2.50 " "
	10	2	M	3.00 " "		10	1	M	3.00 " "
	10	1	M	3.50 " "		10	1	M	3.50 " "
	10	1	M	4.00 " "		10	4	M	4.00 " "
	10	1	M	4.75 " "		10	1	M	5.00 " "
	10	1	M	5.00 " "					
Average	10	9	M	3.39 " "	Average	10	10	M	3.42½ " "
July 1873	10	1	M	2.00 " "	Jan. 1877	10	1	M	2.25 " "
	10	3	M	2.50 " "		10	1	M	2.50 " "
	10	1	M	2.75 " "		10	2	M	3.00 " "
	10	1	M	2.85 " "		10	2	M	4.00 " "
	10	1	M	3.50 " "		10	1	M	5.00 " "
	10	1	M	4.75 " "					
Average	10	8	M	2.92 " "	Average	10	7	M	3.39½ " "
Jan. 1874	10	1	M	2.00 " "	July 1877	10	2	M	2.00 " "
	10	1	M	2.20 " "		10	1	M	2.25 " "
						10	2	M	2.50 " "
						10	3	M	3.00 " "
						10	2	M	3.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MOULDERS, BRONZE—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1877-conc'd.	10	1	M	$4.00 per day.
	10	1	M	5.00 " "
Average	10	12	M	3.02 " "
Jan. 1878	10	2	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
	10	2	M	3.50 " "
	10	1	M	4.00 " "
	10	1	M	5.00 " "
Average	10	8	M	3.18½ " "
July 1878	10	1	M	2.50 " "
	10	2	M	3.00 " "
	10	1	M	4.00 " "
	10	1	M	5.00 " "
Average	10	5	M	3.50 " "
Jan. 1879	10	1	M	2.50 " "
	10	1	M	3.50 " "
	10	1	M	4.00 " "
Average	10	3	M	3.33½ " "
July 1879	10	1	M	2.00 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	4.00 " "
	10	1	M	5.00 " "
Average	10	5	M	3.18 " "
Jan. 1880	10	1	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	4.00 " "
	10	1	M	5.00 " "
Average	10	4	M	3.37½ " "
July 1880	10	1	M	4.00 " "
	10	1	M	4.25 " "
	10	1	M	5.00 " "
Average	10	3	M	4.41½ " "
Jan. 1881	10	2	M	2.75 " "
	10	1	M	4.00 " "
	10	1	M	5.00 " "
Average	10	4	M	3.62½ " "
July 1881	10	1	M	3.33½ " "
	10	1	M	4.00 " "
Average	10	2	M	3.66½ " "
Jan. 1882	10	1	M	2.00 " "
	10	1	M	3.33½ " "
	10	3	M	4.00 " "
Average	10	5	M	3.46½ " "
July 1882	10	1	M	2.00 " "
	10	4	M	4.00 " "
	10	1	M	4.17 " "
	10	1	M	4.50 " "
Average	10	7	M	3.81 " "
Jan. 1883	10	1	M	2.00 " "
	10	3	M	4.00 " "
	10	1	M	4.75 " "
Average	10	5	M	3.75 " "
July 1883	10	1	M	$2.00 per day.
	10	4	M	4.00 " "
Average	10	5	M	3.60 " "
Jan. 1884	10	3	M	2.00 " "
	10	1	M	4.00 " "
Average	10	4	M	2.50 " "
July 1884	10	2	M	2.00 " "
	10	2	M	4.00 " "
Average	10	4	M	3.00 " "
Jan. 1885	10	2	M	4.00 " "
July 1885	10	1	M	2.00 " "
	10	1	M	4.00 " "
Average	10	2	M	3.00 " "
Jan. 1886	10	2	M	2.50 " "
	10	2	M	4.00 " "
Average	10	4	M	3.25 " "
Jan. 1887	10	1	M	3.00 " "
	10	5	M	4.00 " "
Average	10	6	M	3.83½ " "
July 1887	10	1	M	4.00 " "
	10	1	M	5.00 " "
Average	10	2	M	4.50 " "
Jan. 1888	10	1	M	2.25 " "
	10	2	M	4.35 " "
	10	1	M	5.00 " "
Average	10	4	M	3.98½ " "
July 1888	10	1	M	2.00 " "
	10	1	M	4.33½ " "
	10	1	M	5.00 " "
Average	10	3	M	3.78 " "
Jan. 1889	10	1	M	3.00 " "
	10	1	M	4.33½ " "
Average	10	2	M	3.66½ " "
July 1889	10	1	M	3.00 " "
	10	1	M	4.00 " "
	10	1	M	4.33½ " "
Average	10	3	M	3.78 " "
Jan. 1890	10	2	M	2.00 " "
	10	1	M	3.50 " "
	10	4	M	4.00 " "
	10	1	M	4.33½ " "
Average	10	8	M	3.48 " "
July 1890	10	2	M	2.00 " "
	10	2	M	3.00 " "
	10	4	M	4.00 " "
	10	1	M	4.33½ " "
Average	10	9	M	3.37 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MOULDERS, BRONZE—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891	10	2	M	$2.00 per day.	July 1891	10	2	M	$2.00 per day.
	10	1	M	2.25 " "		10	1	M	2.25 " "
	10	3	M	3.00 " "		10	1	M	3.00 " "
	10	2	M	4.00 " "		10	1	M	4.00 " "
	10	1	M	4.33½ " "		10	1	M	4.33½ " "
Average	10	9	M	3.06½ " "	Average	10	6	M	2.93 " "

MOULDERS', BRONZE, HELPERS.

July 1870	10	2	M	1.50 per day.	Jan. 1879	10	2	M	1.50 per day.
Jan. 1871	10	3	M	1.50 " "	July 1879	10	1	M	1.50 " "
July 1871	10	2	M	1.50 " "	Jan. 1880	10	1	M	1.50 " "
Jan. 1872	10	3	M	1.50 " "					
	10	2	M	1.75 " "	July 1880	10	1	M	1.50 " "
						10	1	M	1.75 " "
Average	10	5	M	1.60 " "					
					Average	10	2	M	1.62½ " "
July 1872	10	5	M	1.50 " "					
Jan. 1873	10	3	M	1.50 " "	Jan. 1881	10	1	M	1.50 " "
	10	1	M	1.75 " "	July 1881	10	1	M	1.75 " "
					July 1882	10	1	M	1.50 " "
Average	10	4	M	1.56½ " "	July 1883	10	1	M	1.50 " "
					Jan. 1884	10	3	M	1.50 " "
July 1873	10	2	M	1.50 " "	Jan. 1887	10	2	M	1.50 " "
	10	1	M	1.75 " "	July 1887	10	2	M	1.50 " "
					Jan. 1888	10	1	M	1.50 " "
Average	10	3	M	1.58½ " "	July 1888	10	1	M	1.50 " "
Jan. 1874	10	3	M	1.50 " "					
	10	2	M	1.75 " "	July 1889	10	1	M	1.50 " "
						10	2	M	1.75 " "
Average	10	5	M	1.60 " "					
					Average	10	3	M	1.66½ " "
July 1874	10	1	M	1.50 " "					
	10	1	M	1.75 " "	Jan. 1890	10	1	M	1.60 " "
						10	1	M	1.70 " "
Average	10	2	M	1.62½ " "		10	1	M	1.75 " "
Jan. 1875	10	2	M	1.50 " "					
July 1875	10	2	M	1.50 " "	Average	10	3	M	1.68½ " "
Jan. 1876	10	1	M	1.50 " "					
July 1876	10	1	M	1.50 " "					
Jan. 1877	10	1	M	1.50 " "	July 1890	10	1	M	1.60 " "
July 1877	10	1	M	1.50 " "	Jan. 1891	10	1	M	1.60 " "
Jan. 1878	10	1	M	1.50 " "					
July 1878	10	2	M	1.50 " "	July 1891	10	1	M	1.50 " "
	10	2	M	1.90 " "		10	1	M	1.75 " "
Average	10	4	M	1.70 " "	Average	10	2	M	1.62½ " "

MOULDERS, IRON.

July 1849	10	5	M	1.42 per day.	Jan. 1850–conc'd.	10	2	M	1.62½ per day.
	10	18	M	1.50 " "		10	1	M	1.66½ " "
	10	8	M	1.58½ " "		10	5	M	1.75 " "
	10	1	M	1.63 " "		10	1	M	1.83 " "
	10	4	M	1.66½ " "					
	10	5	M	1.75 " "	Average	10	43	M	1.56 " "
	10	1	M	1.83 " "					
					July 1850	10	1	M	1.42 " "
Average	10	42	M	1.56½ " "		10	19	M	1.50 " "
						10	11	M	1.58½ " "
						10	2	M	1.66½ " "
Jan. 1850	10	3	M	1.42 " "		10	3	M	1.75 " "
	10	22	M	1.50 " "					
	10	9	M	1.58½ " "	Average	10	36	M	1.55½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MOULDERS, IRON—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1851	10	1	M	$1.34 per day.
	10	16	M	1.50 " "
	10	12	M	1.58½ " "
	10	4	M	1.75 " "
Average	10	33	M	1.55⅓ " "
July 1851	10	4	M	1.42½ " "
	10	20	M	1.50 " "
	10	1	M	1.55 " "
	10	8	M	1.58 " "
	10	2	M	1.62½ " "
	10	5	M	1.66½ " "
	10	5	M	1.75 " "
Average	10	45	M	1.56 " "
Jan. 1852	10	1	M	1.42 " "
	10	1	M	1.50 " "
	10	2	M	1.55 " "
	10	4	M	1.58 " "
	10	1	M	1.58½ " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	11	M	1.57½ " "
July 1852	10	1	M	1.34 " "
	10	1	M	1.42 " "
	10	3	M	1.50 " "
	10	2	M	1.55 " "
	10	6	M	1.58 " "
	10	2	M	1.58½ " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	17	M	1.55½ " "
Jan. 1853	10	1	M	1.42 " "
	10	2	M	1.50 " "
	10	2	M	1.55 " "
	10	4	M	1.58 " "
	10	1	M	1.66½ " "
Average	10	10	M	1.55 " "
July 1853	10	8	M	1.50 " "
	10	3	M	1.58 " "
	10	3	M	1.62 " "
	10	1	M	1.65 " "
	10	3	M	1.66½ " "
Average	10	18	M	1.57 " "
Jan. 1854	10	5	M	1.50 " "
	10	2	M	1.55 " "
	10	6	M	1.58 " "
	10	1	M	1.60 " "
	10	1	M	1.62 " "
	10	6	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	22	M	1.59½ " "
July 1854	10	1	M	1.42 " "
	10	7	M	1.50 " "
	10	3	M	1.55 " "
	10	7	M	1.58 " "
	10	2	M	1.60 " "
	10	1	M	1.62 " "
	10	1	M	1.65 " "
	10	5	M	1.66½ " "
	10	2	M	1.75 " "
Average	10	29	M	1.58⅓ " "
Jan. 1855	10	3	M	$1.50 per day.
	10	2	M	1.55 " "
	10	6	M	1.58 " "
	10	1	M	1.60 " "
	10	1	M	1.62 " "
	10	1	M	1.65 " "
	10	5	M	1.66½ " "
	10	2	M	1.75 " "
Average	10	21	M	1.61 " "
July 1855	10	1	M	1.42 " "
	10	10	M	1.50 " "
	10	3	M	1.55 " "
	10	4	M	1.58 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
	10	4	M	1.67 " "
	10	1	M	1.78 " "
Average	10	26	M	1.56½ " "
Jan. 1856	10	1	M	1.42 " "
	10	7	M	1.50 " "
	10	1	M	1.55 " "
	10	3	M	1.58 " "
	10	3	M	1.60 " "
	10	1	M	1.65 " "
	10	4	M	1.67 " "
	10	1	M	1.75 " "
Average	10	21	M	1.57½ " "
July 1856	10	1	M	1.34 " "
	10	1	M	1.42 " "
	10	5	M	1.50 " "
	10	1	M	1.55 " "
	10	4	M	1.58 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
	10	3	M	1.67 " "
	10	1	M	1.75 " "
Average	10	19	M	1.56½ " "
Jan. 1857	10	1	M	1.34 " "
	10	2	M	1.50 " "
	10	1	M	1.55 " "
	10	4	M	1.58 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
	10	3	M	1.67 " "
	10	1	M	1.75 " "
Average	10	15	M	1.59 " "
July 1857	10	1	M	1.34 " "
	10	6	M	1.50 " "
	10	2	M	1.55 " "
	10	5	M	1.58 " "
	10	2	M	1.60 " "
	10	1	M	1.62 " "
	10	1	M	1.65 " "
	10	3	M	1.67 " "
	10	1	M	1.75 " "
Average	10	22	M	1.57 " "
Jan. 1858	10	1	M	1.30 " "
	10	4	M	1.34 " "
	10	1	M	1.42 " "
	10	4	M	1.50 " "
	10	3	M	1.55 " "
	10	1	M	1.60 " "
Average	10	14	M	1.45 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MOULDERS, IRON—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1858	10	1	M	$1.30 per day.
	10	3	M	1.34 " "
	10	1	M	1.42 " "
	10	3	M	1.50 " "
	10	2	M	1.55 " "
	10	1	M	2.60 " "
Average	10	11	M	1.45 " "
Jan. 1859	10	1	M	1.34 " "
	10	1	M	1.42 " "
	10	1	M	1.47 " "
	10	3	M	1.50 " "
	10	3	M	1.55 " "
	10	3	M	1.58 " "
	10	1	M	1.60 " "
	10	2	M	1.65 " "
	10	4	M	1.67 " "
	10	1	M	2.00 " "
Average	10	20	M	1.58½ " "
July 1859	10	1	M	1.34 " "
	10	1	M	1.42 " "
	10	1	M	1.47 " "
	10	2	M	1.50 " "
	10	3	M	1.55 " "
	10	3	M	1.58 " "
	10	1	M	1.60 " "
	10	2	M	1.65 " "
	10	3	M	1.67 " "
	10	1	M	2.00 " "
Average	10	18	M	1.58½ " "
Jan. 1860	10	1	M	1.34 " "
	10	1	M	1.42 " "
	10	1	M	1.47 " "
	10	2	M	1.50 " "
	10	3	M	1.55 " "
	10	4	M	1.58 " "
	10	3	M	1.60 " "
	10	4	M	1.67 " "
Average	10	19	M	1.56 " "
July 1860	10	1	M	1.42 " "
	10	6	M	1.50 " "
	10	5	M	1.55 " "
	10	1	M	1.60 " "
	10	6	M	1.65 " "
	10	4	M	1.67 " "
	10	2	M	1.70 " "
Average	10	25	M	1.59 " "
Jan. 1861	10	1	M	1.42 " "
	10	4	M	1.50 " "
	10	1	M	1.52 " "
	10	4	M	1.55 " "
	10	1	M	1.60 " "
	10	6	M	1.65 " "
	10	4	M	1.67 " "
	10	2	M	1.70 " "
Average	10	23	M	1.59½ " "
July 1861	10	5	M	1.42 " "
	10	17	M	1.50 " "
	10	3	M	1.52 " "
	10	1	M	1.55 " "
	10	16	M	1.58 " "
	10	1	M	1.60 " "
	10	1	M	1.62 " "
	10	9	M	1.65 " "
July 1861–conc'd.	10	3	M	$1.67 per day.
	10	2	M	1.70 " "
Average	10	58	M	1.56 " "
Jan. 1862	10	2	M	1.42 " "
	10	11	M	1.50 " "
	10	1	M	1.52 " "
	10	3	M	1.55 " "
	10	5	M	1.58 " "
	10	1	M	1.63 " "
	10	9	M	1.65 " "
	10	4	M	1.67 " "
	10	2	M	1.70 " "
Average	10	38	M	1.58 " "
July 1862	10	10	M	1.50 " "
	10	2	M	1.55 " "
	10	3	M	1.58 " "
	10	6	M	1.65 " "
	10	4	M	1.67 " "
	10	2	M	1.70 " "
Average	10	27	M	1.58½ " "
Jan. 1863	10	5	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.65 " "
	10	3	M	1.67 " "
	10	1	M	1.70 " "
	10	2	M	1.80 " "
	10	2	M	1.83 " "
Average	10	15	M	1.64½ " "
July 1863	10	2	M	1.50 " "
	10	1	M	1.52 " "
	10	1	M	1.55 " "
	10	1	M	1.60 " "
	10	6	M	1.67 " "
	10	3	M	1.70 " "
	10	5	M	1.80 " "
	10	3	M	1.83 " "
	10	1	M	1.92 " "
	10	1	M	2.00 " "
Average	10	24	M	1.71½ " "
Jan. 1864	10	2	M	1.60 " "
	10	1	M	1.62 " "
	10	1	M	1.65 " "
	10	5	M	1.83 " "
	10	2	M	1.85 " "
	10	2	M	1.95 " "
	10	8	M	2.00 " "
Average	10	21	M	1.87 " "
July 1864	10	1	M	1.30 " "
	10	1	M	1.62 " "
	10	5	M	1.83 " "
	10	2	M	1.85 " "
	10	2	M	1.88 " "
	10	9	M	2.00 " "
Average	10	20	M	1.87½ " "
Jan. 1865	10	4	M	1.30 " "
	10	1	M	1.62 " "
	10	1	M	2.00 " "
	10	3	M	2.12 " "
	10	6	M	2.25 " "
	10	1	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MOULDERS, IRON—Continued.

Payroll of—	Hours per day.	Different employés	Sex.	Rate of wages.
Jan. 1865–	10	4	M	$2.62 per day.
conc'd.	10	4	M	2.75 " "
Average	10	24	M	2.19½ " "
July 1865	10	1	M	1.30 " "
	10	2	M	2.00 " "
	10	3	M	2.12 " "
	10	2	M	2.15 " "
	10	6	M	2.25 " "
	10	2	M	2.40 " "
	10	3	M	2.62 " "
	10	3	M	2.75 " "
Average	10	22	M	2.29 " "
Jan. 1866	10	1	M	1.35 " "
	10	2	M	2.00 " "
	10	1	M	2.12 " "
	10	6	M	2.25 " "
	10	1	M	2.30 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	5	M	2.50 " "
	10	2	M	2.62 " "
	10	1	M	2.70 " "
	10	4	M	2.75 " "
Average	10	25	M	2.38 " "
July 1866	10	1	M	1.35 " "
	10	1	M	2.00 " "
	10	2	M	2.12 " "
	10	4	M	2.25 " "
	10	1	M	2.35 " "
	10	10	M	2.50 " "
	10	1	M	2.62 " "
	10	1	M	2.70 " "
	10	5	M	2.75 " "
Average	10	26	M	2.42½ " "
Jan. 1867	10	4	M	2.00 " "
	10	1	M	2.12 " "
	10	2	M	2.25 " "
	10	1	M	2.35 " "
	10	4	M	2.40 " "
	10	6	M	2.50 " "
	10	3	M	2.62 " "
	10	1	M	2.70 " "
	10	5	M	2.75 " "
Average	10	27	M	2.44 " "
July 1867	10	3	M	2.00 " "
	10	1	M	2.12 " "
	10	1	M	2.35 " "
	10	1	M	2.38 " "
	10	3	M	2.40 " "
	10	9	M	2.50 " "
	10	3	M	2.62 " "
	10	2	M	2.70 " "
	10	4	M	2.75 " "
Average	10	27	M	2.47½ " "
Jan. 1868	10	2	M	2.00 " "
	10	1	M	2.12 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	3	M	2.40 " "
	10	5	M	2.50 " "
	10	2	M	2.62 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1868–	10	2	M	$2.70 per day.
conc'd.	10	4	M	2.75 " "
Average	10	22	M	2.46½ " "
July 1868	10	2	M	2.00 " "
	10	5	M	2.15 " "
	10	1	M	2.20 " "
	10	6	M	2.25 " "
	10	1	M	2.35 " "
	10	3	M	2.40 " "
	10	1	M	2.45 " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
Average	10	24	M	2.30 " "
Jan. 1869	10	1	M	2.00 " "
	10	4	M	2.25 " "
	10	3	M	2.30 " "
	10	6	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.65 " "
	10	3	M	2.75 " "
Average	10	20	M	2.41½ " "
July 1869	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	4	M	2.30 " "
	10	4	M	2.40 " "
	10	2	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.65 " "
	10	3	M	2.75 " "
Average	10	18	M	2.43½ " "
Jan. 1870	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	4	M	2.30 " "
	10	5	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.65 " "
	10	3	M	2.75 " "
Average	10	19	M	2.44½ " "
July 1870	10	1	M	2.00 " "
	10	2	M	2.20 " "
	10	1	M	2.25 " "
	10	2	M	2.30 " "
	10	3	M	2.40 " "
	10	2	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.65 " "
	10	2	M	2.75 " "
Average	10	15	M	2.41½ " "
Jan. 1871	10	1	M	2.00 " "
	10	2	M	2.20 " "
	10	1	M	2.25 " "
	10	2	M	2.30 " "
	10	4	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.65 " "
	10	3	M	2.75 " "
Average	10	18	M	2.43½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MOULDERS, IRON—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1871	10	3	M	$2.00 per day.
	10	2	M	2.20 " "
	10	1	M	2.25 " "
	10	4	M	2.30 " "
	10	1	M	2.35 " "
	10	4	M	2.40 " "
	10	4	M	2.50 " "
	10	1	M	2.60 " "
	10	3	M	2.75 " "
Average	10	23	M	2.37½ " "
Jan. 1872	10	1	M	2.00 " "
	10	1	M	2.15 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	5	M	2.30 " "
	10	2	M	2.40 " "
	10	8	M	2.50 " "
	10	1	M	2.56 " "
	10	1	M	2.60 " "
	10	1	M	2.63 " "
	10	1	M	2.65 " "
	10	3	M	2.75 " "
Average	10	26	M	2.44½ " "
July 1872	10	2	M	2.00 " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	4	M	2.40 " "
	10	8	M	2.50 " "
	10	5	M	2.60 " "
	10	4	M	2.75 " "
Average	10	29	M	2.45½ " "
Jan. 1873	10	2	M	2.00 " "
	10	1	M	2.20 " "
	10	3	M	2.25 " "
	10	3	M	2.30 " "
	10	3	M	2.40 " "
	10	5	M	2.50 " "
	10	2	M	2.60 " "
	10	4	M	2.75 " "
Average	10	23	M	2.42½ " "
July 1873	10	1	M	2.20 " "
	10	3	M	2.25 " "
	10	2	M	2.30 " "
	10	3	M	2.40 " "
	10	5	M	2.50 " "
	10	2	M	2.60 " "
	10	4	M	2.75 " "
Average	10	20	M	2.47½ " "
Jan. 1874	10	6	M	2.00 " "
	10	1	M	2.05 " "
	10	3	M	2.12 " "
	10	1	M	2.15 " "
	10	5	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.45 " "
	10	1	M	2.50 " "
	10	2	M	2.60 " "
	10	4	M	2.75 " "
Average	10	26	M	2.30 " "
July 1874	10	5	M	2.00 " "
	10	1	M	2.05 " "
	10	3	M	2.12 " "
	10	1	M	2.15 " "
July 1874—conc'd.	10	5	M	$2.25 per day.
	10	1	M	2.35 " "
	10	2	M	2.45 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
Average	10	20	M	2.21 " "
Jan. 1875	10	5	M	2.00 " "
	10	1	M	2.05 " "
	10	3	M	2.12 " "
	10	1	M	2.15 " "
	10	5	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.45 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
Average	10	20	M	2.21 " "
July 1875	10	3	M	2.00 " "
	10	1	M	2.05 " "
	10	3	M	2.12 " "
	10	6	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.45 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
Average	10	17	M	2.22½ " "
Jan. 1876	10	1	M	2.00 " "
	10	4	M	2.05 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
	10	1	M	2.50 " "
Average	10	9	M	2.16 " "
July 1876	10	3	M	2.05 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
Average	10	5	M	2.13 " "
Jan. 1877	10	2	M	2.05 " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	1	M	2.30 " "
Average	10	6	M	2.18½ " "
July 1877	10	2	M	2.05 " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
Average	10	5	M	2.16 " "
Jan. 1878	10	2	M	2.05 " "
	10	2	M	2.25 " "
Average	10	4	M	2.15 " "
July 1878	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
Average	10	5	M	2.24 " "
Jan. 1879	10	1	M	2.05 " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
Average	10	4	M	2.18½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MOULDERS, IRON—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1879	10	4	M	$2.00 per day.
	10	1	M	2.50 " "
Average	10	5	M	2.10 " "
Jan. 1880	10	7	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	9	M	2.08½ " "
July 1880	10	7	M	2.00 " "
	10	3	M	2.20 " "
	10	3	M	2.25 " "
Average	10	13	M	2.10½ " "
Jan. 1881	10	9	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.15 " "
	10	4	M	2.20 " "
	10	4	M	2.25 " "
Average	10	19	M	2.11 " "
July 1881	10	6	M	2.00 " "
	10	1	M	2.20 " "
	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.65 " "
Average	10	13	M	2.20 " "
Jan. 1882	10	14	M	2.00 " "
	10	2	M	2.15 " "
	10	10	M	2.25 " "
	10	1	M	2.37½ " "
	10	1	M	2.40 " "
	10	8	M	2.50 " "
	10	1	M	2.65 " "
Average	10	37	M	2.22 " "
July 1882	10	7	M	2.00 " "
	10	2	M	2.15 " "
	10	3	M	2.25 " "
	10	3	M	2.35 " "
	10	4	M	2.40 " "
	10	8	M	2.50 " "
	10	1	M	2.65 " "
	10	2	M	2.75 " "
Average	10	30	M	2.33 " "
Jan. 1883	10	8	M	2.00 " "
	10	2	M	2.15 " "
	10	3	M	2.25 " "
	10	1	M	2.40 " "
	10	5	M	2.50 " "
	10	1	M	2.75 " "
Average	10	20	M	2.23½ " "
July 1883	10	5	M	2.00 " "
	10	1	M	2.15 " "
	10	3	M	2.25 " "
	10	2	M	2.50 " "
Average	10	11	M	2.17½ " "
Jan. 1884	10	9	M	2.00 " "
	10	1	M	2.15 " "
	10	5	M	2.25 " "
	10	2	M	2.50 " "
Average	10	17	M	2.14 " "
July 1884	10	9	M	$2.00 per day.
	10	1	M	2.15 " "
	10	4	M	2.25 " "
	10	1	M	2.40 " "
	10	3	M	2.50 " "
Average	10	18	M	2.17 " "
Jan. 1885	10	13	M	2.00 " "
	10	6	M	2.25 " "
	10	2	M	2.50 " "
Average	10	21	M	2.12 " "
July 1885	10	3	M	2.00 " "
	10	1	M	2.25 " "
Average	10	4	M	2.06½ " "
Jan. 1886	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	2	M	2.12½ " "
July 1886	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	5	M	2.15 " "
Jan. 1887	10	4	M	2.00 " "
	10	2	M	2.50 " "
Average	10	6	M	2.16½ " "
July 1887	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	3	M	2.08½ " "
Jan. 1888	10	6	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	11	M	2.20½ " "
July 1888	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	5	M	2.05 " "
Jan. 1889	10	3	M	2.00 " "
	10	2	M	2.25 " "
Average	10	5	M	2.10 " "
July 1889	10	5	M	2.00 " "
	10	4	M	2.25 " "
	10	1	M	2.50 " "
Average	10	10	M	2.15 " "
Jan. 1890	10	3	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
Average	10	8	M	2.25 " "
July 1890	10	2	M	2.00 " "
	10	4	M	2.25 " "
	10	3	M	2.50 " "
Average	10	9	M	2.23 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MOULDERS, IRON—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891	10	2	M	$2.00 per day.	July 1891	10	3	M	$2.00 per day.
	10	2	M	2.25 " "		10	3	M	2.25 " "
	10	3	M	2.50 " "		10	4	M	2.50 " "
Average	10	7	M	2.28½ " "	Average	10	10	M	2.27½ " "

PATTERNMAKERS.

July 1870	10	1	M	2.00 per day.	July 1874	10	2	M	2.00 per day.
	10	1	M	2.15 " "		10	2	M	2.25 " "
	10	3	M	2.25 " "		10	1	M	2.40 " "
	10	4	M	2.50 " "		10	4	M	2.50 " "
	10	1	M	3.00 " "		10	1	M	3.25 " "
						10	1	M	3.40 " "
Average	10	10	M	2.39 " "	Average	10	11	M	2.50½ " "
Jan. 1871	10	2	M	2.00 " "	Jan. 1875	10	2	M	2.00 " "
	10	3	M	2.25 " "		10	1	M	2.25 " "
	10	2	M	2.50 " "		10	1	M	2.40 " "
	10	1	M	2.68 " "		10	3	M	2.50 " "
	10	1	M	2.75 " "		10	1	M	3.40 " "
	10	1	M	3.00 " "					
Average	10	10	M	2.42 " "	Average	10	8	M	2.44½ " "
July 1871	10	1	M	2.00 " "	July 1875	10	2	M	2.00 " "
	10	2	M	2.25 " "		10	1	M	2.25 " "
	10	3	M	2.50 " "		10	1	M	2.40 " "
	10	2	M	2.75 " "		10	4	M	2.50 " "
	10	1	M	3.00 " "		10	1	M	2.75 " "
						10	3	M	3.40 " "
Average	10	9	M	2.50 " "	Average	10	12	M	2.63½ " "
Jan. 1872	10	3	M	2.00 " "	Jan. 1876	10	2	M	2.00 " "
	10	3	M	2.25 " "		10	1	M	2.25 " "
	10	4	M	2.50 " "		10	1	M	2.40 " "
	10	2	M	2.75 " "		10	3	M	2.50 " "
	10	1	M	3.00 " "		10	1	M	2.75 " "
						10	1	M	3.25 " "
Average	10	13	M	2.40½ " "		10	1	M	3.40 " "
July 1872	10	1	M	2.00 " "	Average	10	10	M	2.55½ " "
	10	1	M	2.12 " "	July 1876	10	2	M	1.75 " "
	10	3	M	2.50 " "		10	1	M	2.00 " "
	10	4	M	2.75 " "		10	2	M	2.25 " "
	10	1	M	3.00 " "		10	4	M	2.50 " "
						10	4	M	3.40 " "
Average	10	10	M	2.56 " "	Average	10	13	M	2.58½ " "
Jan. 1873	10	1	M	2.12 " "	Jan. 1877	10	1	M	1.75 " "
	10	1	M	2.15 " "		10	1	M	2.00 " "
	10	3	M	2.50 " "		10	2	M	2.25 " "
	10	4	M	2.75 " "		10	3	M	2.50 " "
	10	1	M	3.00 " "		10	3	M	3.40 " "
Average	10	10	M	2.57½ " "	Average	10	10	M	2.59½ " "
July 1873	10	1	M	2.12 " "	July 1877	10	1	M	1.60 " "
	10	1	M	2.15 " "		10	1	M	1.75 " "
	10	3	M	2.50 " "		10	1	M	2.00 " "
	10	2	M	2.75 " "		10	3	M	2.25 " "
	10	1	M	3.00 " "		10	3	M	2.50 " "
						10	2	M	3.00 " "
Average	10	8	M	2.53½ " "	Average	10	11	M	2.32½ " "
Jan. 1874	10	1	M	1.80 " "	Jan. 1878	10	1	M	1.60 " "
	10	1	M	2.00 " "		10	1	M	1.75 " "
	10	2	M	2.25 " "		10	1	M	2.00 " "
	10	2	M	2.40 " "		10	3	M	2.25 " "
	10	3	M	2.50 " "					
	10	1	M	2.75 " "					
	10	1	M	3.40 " "					
Average	10	11	M	2.43 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878–conc'd.	10	4	M	$2.50 per day.
	10	1	M	3.00 " "
Average	10	11	M	2.28 " "
July 1878	10	1	M	1.60 " "
	10	1	M	1.75 " "
	10	3	M	2.00 " "
	10	3	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	3.00 " "
Average	10	13	M	2.24 " "
Jan. 1879	10	1	M	1.60 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	8	M	2.20 " "
July 1879	10	1	M	1.80 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	3	M	2.43½ " "
Jan. 1880	10	1	M	1.80 " "
	10	1	M	2.00 " "
	10	3	M	2.10 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	8	M	2.23 " "
July 1880	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.15 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	8	M	2.36½ " "
Jan. 1881	10	1	M	1.75 " "
	10	5	M	2.00 " "
	10	4	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	3.00 " "
Average	10	14	M	2.23 " "
July 1881	10	5	M	2.00 " "
	10	4	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	12	M	2.25 " "
Jan. 1882	10	4	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
Average	10	11	M	2.32 " "
July 1882	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
Average	10	8	M	2.37½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883	10	2	M	$2.00 per day.
	10	2	M	2.25 " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
Average	10	9	M	2.36 " "
July 1883	10	2	M	1.80 " "
	10	3	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	9	M	2.15 " "
Jan. 1884	10	1	M	1.80 " "
	10	3	M	2.00 " "
	10	4	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	10	M	2.20½ " "
July 1884	10	1	M	1.80 " "
	10	4	M	2.00 " "
	10	6	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	13	M	2.19½ " "
Jan. 1885	10	1	M	1.60 " "
	10	2	M	1.80 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	8	M	2.12 " "
July 1885	10	1	M	1.60 " "
	10	1	M	1.80 " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
Average	10	6	M	1.98½ " "
Jan. 1886	10	1	M	1.60 " "
	10	2	M	1.80 " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
Average	10	7	M	1.95½ " "
July 1886	10	1	M	1.80 " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
Average	10	5	M	2.06 " "
Jan. 1887	10	1	M	1.80 " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
Average	10	5	M	2.06 " "
July 1887	10	3	M	1.80 " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
Average	10	7	M	1.98½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1888	10	2	M	$1.80 per day.	Jan. 1890	10	1	M	$1.80 per day.
	10	2	M	2.00 " "		10	1	M	2.25 " "
	10	1	M	2.25 " "					
Average	10	5	M	1.97 " "	Average	10	2	M	2.02½ " "
July 1888	10	2	M	1.80 " "	July 1890	10	1	M	1.80 " "
	10	2	M	2.00 " "		10	1	M	2.25 " "
	10	1	M	2.25 " "					
Average	10	5	M	1.97 " "	Average	10	2	M	2.02½ " "
Jan. 1889	10	2	M	1.80 " "	Jan. 1891	10	1	M	1.80 " "
	10	2	M	2.00 " "		10	1	M	2.25 " "
	10	1	M	2.25 " "					
Average	10	5	M	1.97 " "	Average	10	2	M	2.02½ " "
July 1889	10	1	M	1.80 " "	July 1891	10	1	M	1.80 " "
	10	2	M	2.25 " "		10	1	M	2.25 " "
Average	10	3	M	2.10 " "	Average	10	2	M	2.02½ " "

TEAMSTERS.

July 1849	10	2	M	.85 per day.	July 1861	10	1	M	.85 per day.
Jan. 1850	10	2	M	.85 " "		10	4	M	.90 " "
July 1850	10	3	M	.85 " "		10	3	M	1.00 " "
Jan. 1851	10	2	M	.85 " "		10	1	M	1.15 " "
July 1851	10	2	M	.90 " "		10	1	M	1.17 " "
Jan. 1853	10	2	M	.90 " "					
July 1853	10	2	M	.90 " "	Average	10	10	M	.97½ " "
Jan. 1854	10	1	M	1.00 " "					
July 1854	10	2	M	1.00 " "	Jan. 1862	10	2	M	.85 " "
Jan. 1855	10	2	M	1.00 " "		10	1	M	.90 " "
July 1855	10	3	M	1.00 " "		10	3	M	1.00 " "
Jan. 1856	10	3	M	1.00 " "		10	2	M	1.25 " "
July 1856	10	3	M	1.00 " "					
Jan. 1857	10	2	M	1.00 " "	Average	10	8	M	1.01½ " "
July 1857	10	3	M	1.00 " "					
Jan. 1858	10	3	M	1.00 " "	July 1862	10	3	M	.85 " "
July 1858	10	4	M	1.00 " "		10	1	M	.92 " "
						10	3	M	1.00 " "
Jan. 1859	10	2	M	.90 " "		10	1	M	1.17 " "
	10	4	M	1.00 " "		10	1	M	1.25 " "
	10	1	M	1.25 " "		10	1	M	1.33½ " "
Average	10	7	M	1.00½ " "	Average	10	10	M	1.02½ " "
July 1859	10	2	M	.90 " "	Jan. 1863	10	1	M	.80 " "
	10	4	M	1.00 " "		10	1	M	.90 " "
	10	1	M	1.25 " "		10	4	M	1.00 " "
						10	1	M	1.17 " "
Average	10	7	M	1.00½ " "		10	1	M	1.25 " "
						10	1	M	1.33½ " "
Jan. 1860	10	3	M	.90 " "	Average	10	9	M	1.05 " "
	10	2	M	1.00 " "					
					July 1863	10	6	M	1.00 " "
Average	10	5	M	.94 " "		10	1	M	1.15 " "
						10	1	M	1.17 " "
July 1860	10	1	M	.85 " "		10	2	M	1.25 " "
	10	1	M	.90 " "		10	1	M	1.33½ " "
	10	4	M	1.00 " "		10	1	M	1.50 " "
	10	1	M	1.15 " "					
	10	1	M	1.25 " "	Average	10	12	M	1.14 " "
Average	10	8	M	1.02 " "	Jan. 1864	10	2	M	1.00 " "
						10	1	M	1.15 " "
Jan. 1861	10	1	M	.85 " "		10	1	M	1.17 " "
	10	3	M	1.00 " "		10	2	M	1.25 " "
	10	1	M	1.15 " "		10	1	M	1.33 " "
Average	10	5	M	1.00 " "	Average	10	7	M	1.16½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

TEAMSTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1864	10	1	M	$0.75 per day.	July 1881	10	1	M	$1.50 per day.
	10	1	M	1.25 " "	Jan. 1882	10	1	M	1.15 " "
	10	3	M	1.33 " "		10	2	M	1.25 " "
	10	3	M	1.50 " "		10	1	M	1.50 " "
Average	10	8	M	1.31 " "	Average	10	4	M	1.28½ " "
Jan. 1865	10	3	M	1.25 " "	July 1882	10	2	M	1.25 " "
	10	1	M	1.33 " "		10	1	M	1.50 " "
	10	1	M	1.42 " "	Average	10	3	M	1.33½ " "
	10	3	M	1.50 " "	Jan. 1883	10	1	M	1.50 " "
Average	10	8	M	1.37½ " "		10	2	M	1.75 " "
July 1865	10	1	M	1.33 " "	Average	10	3	M	1.66½ " "
	10	9	M	1.50 " "	July 1883	10	1	M	1.15 " "
Average	10	10	M	1.48½ " "		10	1	M	1.35 " "
Jan. 1866	10	5	M	1.50 " "		10	1	M	1.50 " "
July 1866	10	1	M	1.25 " "	Average	10	3	M	1.33½ " "
	10	8	M	1.50 " "	Jan. 1884	10	2	M	1.15 " "
Average	10	9	M	1.47 " "		10	1	M	1.35 " "
Jan. 1867	10	6	M	1.50 " "		10	1	M	1.50 " "
July 1867	10	6	M	1.50 " "	Average	10	4	M	1.28½ " "
	10	1	M	1.75 " "	July 1884	10	1	M	1.50 " "
Average	10	7	M	1.53½ " "	Jan. 1885	10	2	M	1.05 " "
Jan. 1868	10	5	M	1.50 " "		10	1	M	1.25 " "
	10	1	M	1.75 " "		10	1	M	1.50 " "
Average	10	6	M	1.54 " "		10	1	M	1.80 " "
July 1868	10	4	M	1.50 " "	Average	10	5	M	1.33 " "
	10	1	M	1.75 " "	July 1885	10	2	M	1.05 " "
Average	10	5	M	1.55 " "		10	1	M	1.20 " "
Jan. 1869	10	4	M	1.50 " "		10	2	M	1.50 " "
	10	1	M	1.75 " "		10	1	M	1.80 " "
Average	10	5	M	1.55 " "	Average	10	6	M	1.35 " "
July 1876	10	1	M	1.56 " "	Jan. 1886	10	1	M	1.05 " "
Jan. 1877	10	1	M	1.50 " "		10	1	M	1.20 " "
July 1878	10	1	M	1.50 " "		10	2	M	1.50 " "
Jan. 1879	10	1	M	1.50 " "		10	1	M	1.80 " "
July 1879	10	1	M	1.50 " "	Average	10	5	M	1.41 " "
Jan. 1880	10	1	M	1.50 " "	July 1886	10	1	M	1.50 " "
July 1880	10	1	M	1.25 " "	Jan. 1887	10	1	M	1.50 " "
	10	1	M	1.50 " "	July 1887	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "	Jan. 1888	10	2	M	1.50 " "
Jan. 1881	10	1	M	1.15 " "	July 1888	10	1	M	1.50 " "
	10	1	M	1.50 " "	Jan. 1889	10	1	M	1.50 " "
Average	10	2	M	1.32½ " "	July 1889	10	2	M	1.50 " "
					Jan. 1890	10	1	M	1.50 " "
					July 1890	10	1	M	1.50 " "
					Jan. 1891	10	1	M	1.50 " "
					July 1891	10	1	M	1.50 " "

TEAMSTERS, WITH TEAMS.

Jan. 1860	10	1	M	2.50 per day.	July 1863	10	1	M	2.50 per day.
July 1860	10	1	M	2.50 " "	Jan. 1864	10	1	M	2.50 " "
Jan. 1861	10	1	M	2.50 " "	July 1864	10	1	M	2.50 " "
Jan. 1862	10	1	M	2.50 " "	Jan. 1865	10	1	M	2.50 " "
July 1862	10	1	M	2.50 " "	July 1865	10	1	M	2.50 " "
Jan. 1863	10	1	M	2.50 " "	Jan. 1866	10	1	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Concluded.

TEAMSTERS, WITH TEAMS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866	10	1	M	$2.50 per day.	Jan. 1883	10	1	M	$2.00 per day.
Jan. 1867	10	1	M	2.50 " "		10	1	M	2.25 " "
July 1867	10	1	M	2.50 " "		10	1	M	3.25 " "
Jan. 1868	10	1	M	2.50 " "					
July 1868	10	1	M	2.50 " "	Average	10	3	M	2.50 " "
Jan. 1876	10	1	M	2.00 " "					
					July 1883	10	1	M	2.00 " "
					Jan. 1884	10	1	M	2.00 " "
July 1876	10	1	M	2.00 " "	July 1884	10	1	M	2.00 " "
	10	1	M	3.00 " "	Jan. 1885	10	1	M	2.00 " "
					July 1885	10	1	M	2.00 " "
Average	10	2	M	2.50 " "	Jan. 1886	10	1	M	2.00 " "
					July 1886	10	1	M	2.00 " "
Jan. 1877	10	1	M	2.00 " "	Jan. 1887	10	1	M	2.00 " "
July 1878	10	1	M	2.00 " "	July 1887	10	1	M	2.00 " "
Jan. 1879	10	1	M	2.00 " "	Jan. 1888	10	1	M	2.00 " "
July 1879	10	1	M	2.00 " "	July 1888	10	1	M	2.00 " "
Jan. 1880	10	1	M	2.00 " "	Jan. 1889	10	1	M	2.00 " "
July 1880	10	1	M	2.00 " "	July 1889	10	1	M	2.00 " "
Jan. 1881	10	1	M	2.00 " "	Jan. 1890	10	1	M	2.00 " "
July 1881	10	1	M	2.00 " "	July 1890	10	1	M	2.00 " "
Jan. 1882	10	1	M	2.00 " "	Jan. 1891	10	1	M	2.00 " "
July 1882	10	1	M	2.00 " "	July 1891	10	1	M	2.00 " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 59, MASSACHUSETTS.

LABORERS.

Jan. 1853	11	1	M	.80 per day.	July 1872	10	2	M	1.60 per day.
July 1853	11	2	M	.83½ " "	Jan. 1873	10	2	M	1.60 " "
Jan. 1854	11	2	M	.85 " "	July 1873	10	2	M	1.60 " "
July 1854	11	2	M	.90 " "	Jan. 1874	10	2	M	1.60 " "
Jan. 1855	11	2	M	.90 " "	July 1874	10	2	M	1.60 " "
July 1855	11	2	M	.90 " "	Jan. 1875	10	2	M	1.50 " "
Jan. 1856	11	2	M	.90 " "	July 1875	10	2	M	1.60 " "
July 1856	11	2	M	.90 " "	Jan. 1876	10	2	M	1.80 " "
Jan. 1857	11	2	M	.90 " "	July 1876	10	2	M	1.80 " "
July 1857	11	2	M	.90 " "	Jan. 1877	10	2	M	1.90 " "
Jan. 1858	11	2	M	.90 " "	July 1877	10	2	M	1.90 " "
July 1858	11	2	M	.90 " "	Jan. 1878	10	2	M	1.90 " "
Jan. 1859	11	2	M	.90 " "	July 1878	10	2	M	2.00 " "
July 1859	11	2	M	.90 " "	Jan. 1879	10	2	M	1.75 " "
Jan. 1860	11	2	M	.90 " "	July 1879	10	2	M	1.75 " "
July 1860	11	2	M	.90 " "	Jan. 1880	10	3	M	1.75 " "
Jan. 1861	11	2	M	.90 " "	July 1880	10	6	M	1.75 " "
July 1861	11	2	M	.90 " "	Jan. 1881	10	8	M	2.00 " "
Jan. 1862	11	2	M	.90 " "	July 1881	10	6	M	2.00 " "
July 1862	11	2	M	.90 " "	Jan. 1882	10	6	M	2.00 " "
Jan. 1863	11	3	M	.90 " "	July 1882	10	5	M	2.00 " "
July 1863	11	3	M	.90 " "	Jan. 1883	10	5	M	2.00 " "
Jan. 1864	11	3	M	.90 " "	July 1883	10	5	M	2.00 " "
July 1864	11	3	M	1.30 " "	Jan. 1884	10	4	M	2.00 " "
Jan. 1865	11	3	M	1.30 " "	July 1884	10	4	M	2.00 " "
July 1865	11	3	M	1.30 " "	Jan. 1885	10	4	M	2.00 " "
Jan. 1866	10	3	M	1.50 " "	July 1885	10	4	M	2.00 " "
July 1866	10	3	M	1.50 " "	Jan. 1886	10	3	M	1.50 " "
Jan. 1867	10	3	M	1.40 " "	July 1886	10	3	M	1.50 " "
July 1867	10	3	M	1.40 " "	Jan. 1887	10	3	M	1.50 " "
Jan. 1868	10	3	M	1.40 " "	July 1887	10	3	M	1.50 " "
July 1868	10	3	M	1.40 " "	Jan. 1888	10	2	M	1.50 " "
Jan. 1869	10	2	M	1.40 " "	July 1888	10	2	M	1.50 " "
July 1869	10	2	M	1.40 " "	Jan. 1889	10	2	M	1.50 " "
Jan. 1870	10	2	M	1.40 " "	July 1889	10	2	M	1.50 " "
July 1870	10	2	M	1.40 " "	Jan. 1890	10	2	M	1.50 " "
Jan. 1871	10	2	M	1.40 " "	July 1890	10	2	M	1.50 " "
July 1871	10	2	M	1.40 " "	Jan. 1891	10	2	M	1.50 " "
Jan. 1872	10	2	M	1.40 " "	July 1891	10	2	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 59, MASSACHUSETTS—Continued.

MACHINISTS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1853	11	5	M	$1.50 per day.	July 1872	10	20	M	$2.35 per day.
July 1853	11	14	M	1.50 " "	Jan. 1873	10	20	M	2.35 " "
Jan. 1854	11	14	M	1.65 " "	July 1873	10	20	M	2.35 " "
July 1854	11	14	M	1.55 " "	Jan. 1874	10	20	M	2.35 " "
Jan. 1855	11	14	M	1.50 " "	July 1874	10	19	M	2.35 " "
July 1855	11	11	M	1.50 " "	Jan. 1875	10	20	M	2.35 " "
Jan. 1856	11	14	M	1.50 " "	July 1875	10	18	M	2.35 " "
July 1856	11	14	M	1.60 " "	Jan. 1876	10	17	M	2.25 " "
Jan. 1857	11	14	M	1.60 " "	July 1876	10	20	M	2.25 " "
July 1857	11	14	M	1.60 " "	Jan. 1877	10	18	M	2.25 " "
Jan. 1858	11	14	M	1.60 " "	July 1877	10	18	M	2.25 " "
July 1858	11	15	M	1.60 " "	Jan. 1878	10	18	M	2.25 " "
Jan. 1859	11	16	M	1.50 " "	July 1878	10	18	M	2.25 " "
July 1859	11	17	M	1.50 " "	Jan. 1879	10	25	M	2.00 " "
Jan. 1860	11	17	M	1.50 " "	July 1879	10	25	M	2.00 " "
July 1860	11	17	M	1.50 " "	Jan. 1880	10	43	M	2.00 " "
Jan. 1861	11	17	M	1.50 " "	July 1880	10	84	M	2.25 " "
July 1861	11	17	M	1.50 " "	Jan. 1881	10	92	M	2.50 " "
Jan. 1862	11	17	M	1.50 " "	July 1881	10	85	M	2.50 " "
July 1862	11	17	M	1.50 " "	Jan. 1882	10	80	M	2.50 " "
Jan. 1863	11	22	M	1.50 " "	July 1882	10	80	M	2.25 " "
July 1863	11	22	M	1.70 " "	Jan. 1883	10	75	M	2.25 " "
Jan. 1864	11	25	M	1.80 " "	July 1883	10	70	M	2.25 " "
July 1864	11	25	M	2.30 " "	Jan. 1884	10	65	M	2.25 " "
Jan. 1865	11	25	M	2.25 " "	July 1884	10	62	M	2.25 " "
July 1865	11	25	M	2.25 " "	Jan. 1885	10	60	M	2.50 " "
Jan. 1866	10	26	M	2.35 " "	July 1885	10	60	M	2.50 " "
July 1866	10	26	M	2.50 " "	Jan. 1886	10	60	M	2.25 " "
Jan. 1867	10	26	M	2.50 " "	July 1886	10	60	M	2.25 " "
July 1867	10	26	M	2.50 " "	Jan. 1887	10	60	M	2.25 " "
Jan. 1868	10	26	M	2.50 " "	July 1887	10	55	M	2.25 " "
July 1868	10	26	M	2.50 " "	Jan. 1888	10	45	M	2.25 " "
Jan. 1869	10	27	M	2.50 " "	July 1888	10	45	M	2.25 " "
July 1869	10	15	M	2.50 " "	Jan. 1889	10	45	M	2.25 " "
Jan. 1870	10	26	M	2.50 " "	July 1889	10	50	M	2.25 " "
July 1870	10	20	M	2.50 " "	Jan. 1890	10	50	M	2.25 " "
Jan. 1871	10	20	M	2.50 " "	July 1890	10	50	M	2.25 " "
July 1871	10	17	M	2.50 " "	Jan. 1891	10	50	M	2.25 " "
Jan. 1872	10	17	M	2.50 " "	July 1891	10	50	M	2.25 " "

PATTERNMAKERS.

Jan. 1853	11	1	M	1.40 per day.	July 1867	10	1	M	2.50 per day.
July 1853	11	1	M	1.40 " "	Jan. 1868	10	1	M	2.50 " "
Jan. 1854	11	1	M	1.50 " "	July 1868	10	1	M	2.50 " "
July 1854	11	1	M	1.50 " "	Jan. 1869	10	1	M	2.50 " "
Jan. 1855	11	1	M	1.50 " "	July 1869	10	1	M	2.75 " "
July 1855	11	1	M	1.50 " "	Jan. 1870	10	1	M	2.85 " "
Jan. 1856	11	1	M	1.50 " "	July 1870	10	1	M	2.75 " "
July 1856	11	1	M	1.60 " "	Jan. 1871	10	1	M	2.50 " "
Jan. 1857	11	1	M	1.60 " "	July 1871	10	1	M	3.00 " "
July 1857	11	1	M	1.75 " "	Jan. 1872	10	1	M	3.00 " "
Jan. 1858	11	1	M	1.85 " "	July 1872	10	1	M	3.00 " "
July 1858	11	1	M	1.85 " "	Jan. 1873	10	1	M	3.00 " "
Jan. 1859	11	1	M	1.85 " "	July 1873	10	1	M	3.00 " "
July 1859	11	1	M	1.75 " "	Jan. 1874	10	1	M	3.00 " "
Jan. 1860	11	1	M	1.75 " "	July 1874	10	1	M	3.00 " "
July 1860	11	1	M	1.75 " "	Jan. 1875	10	1	M	3.00 " "
Jan. 1861	11	1	M	1.75 " "	July 1875	10	1	M	3.00 " "
July 1861	11	1	M	1.75 " "	Jan. 1876	10	1	M	3.00 " "
Jan. 1862	11	1	M	1.75 " "	July 1876	10	1	M	3.00 " "
July 1862	11	1	M	1.75 " "	Jan. 1877	10	1	M	3.00 " "
Jan. 1863	11	1	M	1.75 " "	July 1877	10	1	M	3.00 " "
July 1863	11	1	M	1.75 " "	Jan. 1878	10	1	M	2.50 " "
Jan. 1864	11	1	M	2.00 " "	July 1878	10	1	M	2.50 " "
July 1864	11	1	M	2.40 " "	Jan. 1879	10	1	M	2.50 " "
Jan. 1865	11	1	M	2.40 " "	July 1879	10	1	M	2.50 " "
July 1865	11	1	M	2.40 " "	Jan. 1880	10	1	M	2.25 " "
Jan. 1866	10	1	M	2.50 " "	July 1880	10	1	M	2.50 " "
July 1866	10	1	M	2.50 " "	Jan. 1881	10	1	M	2.50 " "
Jan. 1867	10	1	M	2.50 " "	July 1881	10	1	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 59, MASSACHUSETTS—Concluded.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	10	1	M	$2.50 per day.	Jan. 1887	10	1	M	$2.75 per day.
July 1882	10	1	M	2.70 " "	July 1887	10	1	M	2.75 " "
Jan. 1883	10	1	M	2.75 " "	Jan. 1888	10	1	M	2.75 " "
July 1883	10	1	M	2.75 " "	July 1888	10	1	M	2.75 " "
Jan. 1884	10	1	M	2.75 " "	Jan. 1889	10	1	M	2.75 " "
July 1884	10	1	M	2.75 " "	July 1889	10	1	M	2.75 " "
Jan. 1885	10	1	M	2.50 " "	Jan. 1890	10	1	M	2.75 " "
July 1885	10	1	M	2.50 " "	July 1890	10	1	M	2.75 " "
Jan. 1886	10	1	M	2.50 " "	Jan. 1891	10	1	M	2.75 " "
July 1886	10	1	M	2.75 " "	July 1891	10	1	M	2.75 " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 60, MASSACHUSETTS.

LABORERS.

Jan. 1845	12	4	M	.65 per day.	Jan. 1868	10	9	M	1.75 per day.
July 1845	12	5	M	.65 " "	July 1868	10	13	M	1.75 " "
Jan. 1846	12	3	M	.65 " "	Jan. 1869	10	16	M	1.80 " "
July 1846	12	6	M	.70 " "	July 1869	10	14	M	1.75 " "
Jan. 1847	12	7	M	.70 " "	Jan. 1870	10	13	M	1.75 " "
July 1847	12	8	M	.70 " "	July 1870	10	15	M	1.80 " "
Jan. 1848	12	10	M	.70 " "	Jan. 1871	10	11	M	2.00 " "
July 1848	12	15	M	.70 " "	July 1871	10	12	M	1.80 " "
Jan. 1849	12	15	M	.70 " "	Jan. 1872	10	12	M	1.80 " "
July 1849	12	16	M	.70 " "	July 1872	10	12	M	1.80 " "
Jan. 1850	12	14	M	.75 " "	Jan. 1873	10	15	M	1.75 " "
July 1850	12	12	M	.75 " "	July 1873	10	17	M	1.75 " "
Jan. 1851	11	10	M	.75 " "	Jan. 1874	10	16	M	1.75 " "
July 1851	11	12	M	.75 " "	July 1874	10	15	M	1.75 " "
Jan. 1852	11	12	M	.75 " "	Jan. 1875	10	18	M	1.40 " "
July 1852	11	12	M	.75 " "	July 1875	10	17	M	1.35 " "
Jan. 1853	11	14	M	.75 " "	Jan. 1876	10	12	M	1.35 " "
July 1853	11	16	M	.75 " "	July 1876	10	17	M	1.40 " "
Jan. 1854	11	15	M	.75 " "	Jan. 1877	10	18	M	1.12 " "
July 1854	11	10	M	.75 " "	July 1877	10	20	M	1.12 " "
Jan. 1855	11	12	M	.75 " "	Jan. 1878	10	25	M	1.12 " "
July 1855	11	9	M	.75 " "	July 1878	10	28	M	1.25 " "
Jan. 1856	10	11	M	.75 " "	Jan. 1879	10	34	M	1.10 " "
July 1856	10	10	M	.75 " "	July 1879	10	35	M	1.15 " "
Jan. 1857	10	14	M	1.00 " "	Jan. 1880	10	36	M	1.15 " "
July 1857	10	13	M	1.00 " "	July 1880	10	35	M	1.15 " "
Jan. 1858	10	12	M	1.00 " "	Jan. 1881	10	33	M	1.25 " "
July 1858	10	8	M	1.00 " "	July 1881	10	45	M	1.30 " "
Jan. 1859	10	10	M	1.00 " "	Jan. 1882	10	39	M	1.25 " "
July 1859	10	6	M	1.12½ " "	Jan. 1884	10	44	M	1.40 " "
Jan. 1860	10	9	M	1.25 " "	July 1884	10	44	M	1.40 " "
July 1860	10	13	M	1.25 " "	Jan. 1885	10	59	M	1.30 " "
Jan. 1861	10	12	M	1.50 " "	July 1885	10	40	M	1.20 " "
July 1861	10	10	M	1.50 " "	Jan. 1886	10	34	M	1.20 " "
Jan. 1862	10	16	M	1.50 " "	July 1886	10	47	M	1.25 " "
July 1862	10	16	M	1.50 " "	Jan. 1887	10	49	M	1.30 " "
Jan. 1863	10	18	M	1.75 " "	July 1887	10	55	M	1.25 " "
July 1863	10	14	M	1.75 " "	Jan. 1888	10	63	M	1.25 " "
Jan. 1864	10	11	M	1.75 " "	July 1888	10	61	M	1.25 " "
July 1864	10	12	M	1.75 " "	Jan. 1889	10	47	M	1.25 " "
Jan. 1865	10	12	M	1.60 " "	July 1889	10	54	M	1.25 " "
July 1865	10	10	M	1.75 " "	Jan. 1890	10	53	M	1.25 " "
Jan. 1866	10	14	M	2.00 " "	July 1890	10	62	M	1.25 " "
July 1866	10	15	M	2.00 " "	Jan. 1891	10	62	M	1.25 " "
Jan. 1867	10	11	M	1.75 " "	July 1891	10	88	M	1.25 " "
July 1867	10	10	M	1.75 " "					

MACHINISTS.

Jan. 1845	12	3	M	1.50 per day.	July 1846	12	12	M	1.50 per day.
July 1845	12	5	M	1.50 " "	Jan. 1847	12	12	M	1.50 " "
Jan. 1846	12	10	M	1.50 " "	July 1847	12	20	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 60, MASSACHUSETTS—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1848	12	22	M	$1.50 per day.	July 1869	10	104	M	$3.00 per day.
July 1848	12	30	M	1.50 " "	Jan. 1870	10	102	M	3.00 " "
Jan. 1849	12	33	M	1.50 " "	July 1870	10	97	M	3.00 " "
July 1849	12	37	M	1.50 " "	Jan. 1871	10	89	M	3.00 " "
Jan. 1850	12	40	M	1.56 " "	July 1871	10	105	M	3.00 " "
July 1850	12	42	M	1.56 " "	Jan. 1872	10	109	M	3.00 " "
Jan. 1851	11	43	M	1.54 " "	July 1872	10	108	M	3.00 " "
July 1851	11	40	M	1.54 " "	Jan. 1873	10	120	M	3.00 " "
Jan. 1852	11	41	M	1.43 " "	July 1873	10	124	M	3.25 " "
July 1852	11	40	M	1.43 " "	Jan. 1874	10	123	M	3.00 " "
Jan. 1853	11	45	M	1.43 " "	July 1874	10	117	M	3.00 " "
July 1853	11	47	M	1.43 " "	Jan. 1875	10	108	M	2.40 " "
Jan. 1854	11	44	M	1.43 " "	July 1875	10	112	M	2.40 " "
July 1854	11	50	M	1.43 " "	Jan. 1876	10	115	M	2.40 " "
Jan. 1855	11	61	M	1.43 " "	July 1876	10	110	M	2.40 " "
July 1855	11	72	M	1.43 " "	Jan. 1877	10	102	M	1.92 " "
Jan. 1856	10	75	M	1.30 " "	July 1877	10	89	M	1.92 " "
July 1856	10	75	M	1.30 " "	Jan. 1878	10	85	M	1.92 " "
Jan. 1857	10	74	M	1.40 " "	July 1878	10	87	M	1.92 " "
July 1857	10	73	M	1.40 " "	Jan. 1879	10	90	M	1.92 " "
Jan. 1858	10	72	M	1.66⅔ " "	July 1879	10	93	M	1.92 " "
July 1858	10	73	M	1.66⅔ " "	Jan. 1880	10	88	M	2.16½ " "
Jan. 1859	10	75	M	1.66⅔ " "	July 1880	10	102	M	2.20 " "
July 1859	10	76	M	1.66⅔ " "	Jan. 1881	10	100	M	2.25 " "
Jan. 1860	10	75	M	1.66⅔ " "	July 1881	10	112	M	2.40 " "
July 1860	10	73	M	1.66⅔ " "	Jan. 1882	10	95	M	2.40 " "
Jan. 1861	10	72	M	1.80 " "	Jan. 1884	10	97	M	2.35 " "
July 1861	10	72	M	2.00 " "	July 1884	10	97	M	2.35 " "
Jan. 1862	10	65	M	2.20 " "	Jan. 1885	10	97	M	2.40 " "
July 1862	10	75	M	2.20 " "	July 1885	10	71	M	2.30 " "
Jan. 1863	10	65	M	3.00 " "	Jan. 1886	10	71	M	2.20 " "
July 1863	10	60	M	3.00 " "	July 1886	10	124	M	2.20 " "
Jan. 1864	10	54	M	2.75 " "	Jan. 1887	10	123	M	2.25 " "
July 1864	10	52	M	2.75 " "	July 1887	10	140	M	2.30 " "
Jan. 1865	10	62	M	3.00 " "	Jan. 1888	10	145	M	2.25 " "
July 1865	10	59	M	3.00 " "	July 1888	10	131	M	2.25 " "
Jan. 1866	10	91	M	3.00 " "	Jan. 1889	10	123	M	2.25 " "
July 1866	10	82	M	3.00 " "	July 1889	10	117	M	2.25 " "
Jan. 1867	10	85	M	3.00 " "	Jan. 1890	10	135	M	2.25 " "
July 1867	10	74	M	3.00 " "	July 1890	10	133	M	2.25 " "
Jan. 1868	10	87	M	3.00 " "	Jan. 1891	10	152	M	2.25 " "
July 1868	10	92	M	3.00 " "	July 1891	10	182	M	2.25 " "
Jan. 1869	10	95	M	3.00 " "					

PATTERNMAKERS.

Jan. 1845	12	1	M	1.56 per day.	Jan. 1858	10	3	M	1.87½ per day.
July 1845	12	1	M	1.56 " "	July 1858	10	3	M	1.87½ " "
Jan. 1846	12	1	M	1.56 " "	Jan. 1859	10	3	M	1.87½ " "
July 1846	12	1	M	1.56 " "	July 1859	10	3	M	2.00 " "
Jan. 1847	12	1	M	1.56 " "	Jan. 1860	10	3	M	2.00 " "
July 1847	12	1	M	1.56 " "	July 1860	10	3	M	2.00 " "
Jan. 1848	12	2	M	1.56 " "	Jan. 1861	10	3	M	2.10 " "
July 1848	12	2	M	1.56 " "	July 1861	10	3	M	2.10 " "
Jan. 1849	12	2	M	1.56 " "	Jan. 1862	10	3	M	2.25 " "
July 1849	12	2	M	1.56 " "	July 1862	10	3	M	2.25 " "
Jan. 1850	12	2	M	1.56 " "	Jan. 1863	10	3	M	2.50 " "
July 1850	12	2	M	1.68 " "	July 1863	10	3	M	3.00 " "
Jan. 1851	11	2	M	1.54 " "	Jan. 1864	10	3	M	3.00 " "
July 1851	11	2	M	1.54 " "	July 1864	10	3	M	3.00 " "
Jan. 1852	11	2	M	1.54 " "	Jan. 1865	10	3	M	3.50 " "
July 1852	11	2	M	1.54 " "	July 1865	10	3	M	3.50 " "
Jan. 1853	11	2	M	1.54 " "	Jan. 1866	10	4	M	3.50 " "
July 1853	11	2	M	1.54 " "	July 1866	10	4	M	3.50 " "
Jan. 1854	11	2	M	1.92½ " "	Jan. 1867	10	4	M	3.50 " "
July 1854	11	2	M	1.92½ " "	July 1867	10	4	M	3.50 " "
Jan. 1855	11	3	M	1.92½ " "	Jan. 1868	10	5	M	3.50 " "
July 1855	11	3	M	1.92½ " "	July 1868	10	5	M	3.50 " "
Jan. 1856	10	3	M	1.75 " "	Jan. 1869	10	5	M	3.20 " "
July 1856	10	3	M	1.75 " "	July 1869	10	6	M	3.20 " "
Jan. 1857	10	3	M	1.75 " "	Jan. 1870	10	6	M	3.00 " "
July 1857	10	3	M	1.87½ " "	July 1870	10	6	M	3.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 60, MASSACHUSETTS—Concluded.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1871	10	6	M	$3.00 per day.	Jan. 1881	10	6	M	$2.30 per day.
July 1871	10	7	M	3.00 " "	July 1881	10	6	M	2.36½ " "
Jan. 1872	10	7	M	3.00 " "	Jan. 1882	10	7	M	2.45 " "
July 1872	10	7	M	3.00 " "	Jan. 1884	10	7	M	2.40 " "
Jan. 1873	10	7	M	3.00 " "	July 1884	10	7	M	2.40 " "
July 1873	10	8	M	3.25 " "	Jan. 1885	10	7	M	2.50 " "
Jan. 1874	10	7	M	3.00 " "	July 1885	10	7	M	2.30 " "
July 1874	10	6	M	3.00 " "	Jan. 1886	10	6	M	2.30 " "
Jan. 1875	10	5	M	2.40 " "	July 1886	10	6	M	2.30 " "
July 1875	10	5	M	2.50 " "	Jan. 1887	10	5	M	2.25 " "
Jan. 1876	10	5	M	2.50 " "	July 1887	10	7	M	2.25 " "
July 1876	10	5	M	2.00 " "	Jan. 1888	10	4	M	2.25 " "
Jan. 1877	10	5	M	2.00 " "	July 1888	10	6	M	2.25 " "
July 1877	10	5	M	2.00 " "	Jan. 1889	10	4	M	2.50 " "
Jan. 1878	10	4	M	2.25 " "	July 1889	10	5	M	2.50 " "
July 1878	10	4	M	2.25 " "	Jan. 1890	10	7	M	2.50 " "
Jan. 1879	10	6	M	2.30 " "	July 1890	10	7	M	2.50 " "
July 1879	10	7	M	2.37½ " "	Jan. 1891	10	7	M	2.50 " "
Jan. 1880	10	7	M	2.36½ " "	July 1891	10	7	M	2.50 " "
July 1880	10	7	M	2.37½ " "					

WATCHMEN.

Jan. 1845	12	1	M	.75 per day.	Jan. 1868	12	1	M	2.40 per day.
July 1845	12	1	M	.75 " "	July 1868	12	1	M	2.64 " "
Jan. 1846	12	1	M	.75 " "	Jan. 1869	12	1	M	2.70 " "
July 1846	12	1	M	.75 " "	July 1869	12	1	M	2.70 " "
Jan. 1847	12	1	M	.75 " "	Jan. 1870	12	1	M	2.70 " "
July 1847	12	1	M	.75 " "	July 1870	12	1	M	2.70 " "
Jan. 1848	12	1	M	.75 " "	Jan. 1871	12	1	M	2.70 " "
July 1848	12	1	M	.75 " "	July 1871	12	1	M	2.70 " "
Jan. 1849	12	1	M	.75 " "	Jan. 1872	12	1	M	2.70 " "
July 1849	12	1	M	.75 " "	July 1872	12	1	M	2.70 " "
Jan. 1850	12	1	M	.75 " "	Jan. 1873	12	1	M	2.70 " "
July 1850	12	1	M	.75 " "	July 1873	12	1	M	2.70 " "
Jan. 1851	12	1	M	.85 " "	Jan. 1874	12	1	M	2.70 " "
July 1851	12	1	M	.85 " "	July 1874	12	1	M	2.70 " "
Jan. 1852	12	1	M	.85 " "	Jan. 1875	12	1	M	2.16 " "
July 1852	12	1	M	.85 " "	July 1875	12	1	M	2.40 " "
Jan. 1853	12	1	M	.85 " "	Jan. 1876	12	1	M	2.40 " "
July 1853	12	1	M	.85 " "	July 1876	12	1	M	2.40 " "
Jan. 1854	12	1	M	.85 " "	Jan. 1877	12	1	M	1.92 " "
July 1854	12	1	M	.85 " "	July 1877	12	1	M	2.10 " "
Jan. 1855	12	1	M	.85 " "	Jan. 1878	12	1	M	2.10 " "
July 1855	12	1	M	.85 " "	July 1878	12	1	M	2.10 " "
Jan. 1856	12	1	M	.85 " "	Jan. 1879	12	1	M	2.10 " "
July 1856	12	1	M	.85 " "	July 1879	12	1	M	2.10 " "
Jan. 1857	12	1	M	1.00 " "	Jan. 1880	12	1	M	1.80 " "
July 1857	12	1	M	1.00 " "	July 1880	12	1	M	1.80 " "
Jan. 1858	12	1	M	1.00 " "	Jan. 1881	12	1	M	1.80 " "
July 1858	12	1	M	1.00 " "	July 1881	12	1	M	1.92 " "
Jan. 1859	12	1	M	1.00 " "	Jan. 1882	12	1	M	1.92 " "
July 1859	12	1	M	1.00 " "	Jan. 1884	12	1	M	1.92 " "
Jan. 1860	12	1	M	1.50 " "	July 1884	12	1	M	1.92 " "
July 1860	12	1	M	1.50 " "	Jan. 1885	12	1	M	1.80 " "
Jan. 1861	12	1	M	1.80 " "	July 1885	12	1	M	1.80 " "
July 1861	12	1	M	1.80 " "	Jan. 1886	12	1	M	1.80 " "
Jan. 1862	12	1	M	1.80 " "	July 1886	12	1	M	1.80 " "
July 1862	12	1	M	1.80 " "	Jan. 1887	12	1	M	2.10 " "
Jan 1863	12	1	M	1.80 " "	July 1887	12	1	M	2.10 " "
July 1863	12	1	M	1.80 " "	Jan. 1888	12	1	M	2.10 " "
Jan. 1864	12	1	M	1.80 " "	July 1888	12	1	M	2.10 " "
July 1864	12	1	M	2.10 " "	Jan. 1889	12	1	M	2.10 " "
Jan. 1865	12	1	M	2.10 " "	July 1889	12	1	M	2.10 " "
July 1865	12	1	M	2.40 " "	Jan. 1890	12	1	M	2.10 " "
Jan. 1866	12	1	M	2.40 " "	July 1890	12	1	M	2.10 " "
July 1866	12	1	M	2.40 " "	Jan. 1891	12	1	M	2.10 " "
Jan. 1867	12	1	M	2.40 " "	July 1891	12	1	M	2.10 " "
July 1867	12	1	M	2.40 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS.

BLACKSMITHS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1851	12	1	M	$1.50 per day.	July 1871	10	1	M	$3.00 per day.
July 1851	12	1	M	1.50 " "	Jan. 1872	10	1	M	3.00 " "
Jan. 1852	12	1	M	1.50 " "	July 1872	10	1	M	3.00 " "
July 1852	12	1	M	1.50 " "	Jan. 1873	10	1	M	3.50 " "
Jan. 1853	12	1	M	1.50 " "	July 1873	10	1	M	3.50 " "
July 1853	12	1	M	1.50 " "	Jan. 1874	10	1	M	3.50 " "
Jan. 1854	12	1	M	1.50 " "	July 1874	10	1	M	3.50 " "
July 1854	12	1	M	1.50 " "	Jan. 1875	10	1	M	3.50 " "
Jan. 1855	11	1	M	1.75 " "	July 1875	10	1	M	3.50 " "
July 1855	11	1	M	1.75 " "	Jan. 1876	10	1	M	3.50 " "
Jan. 1856	11	1	M	1.75 " "	July 1876	10	1	M	3.00 " "
July 1856	11	1	M	1.75 " "	Jan. 1877	10	1	M	3.00 " "
Jan. 1857	11	1	M	2.00 " "	July 1877	10	1	M	3.00 " "
July 1857	11	1	M	2.00 " "	Jan. 1878	10	1	M	3.00 " "
Jan. 1858	11	1	M	2.00 " "	July 1878	10	1	M	3.00 " "
July 1858	11	1	M	2.00 " "	Jan. 1879	10	1	M	2.75 " "
Jan. 1859	11	1	M	2.00 " "	July 1879	10	1	M	2.75 " "
July 1859	11	1	M	2.00 " "	Jan. 1880	10	1	M	2.75 " "
Jan. 1860	11	1	M	2.00 " "	July 1880	10	1	M	2.75 " "
July 1860	11	1	M	1.75 " "	Jan. 1881	10	1	M	3.25 " "
Jan. 1861	11	1	M	1.75 " "	July 1881	10	1	M	3.25 " "
July 1861	11	1	M	1.75 " "	Jan. 1882	10	1	M	3.25 " "
Jan. 1862	11	1	M	1.75 " "	July 1882	10	1	M	3.25 " "
July 1862	11	1	M	1.75 " "	Jan. 1883	10	1	M	3.25 " "
Jan. 1863	11	1	M	2.00 " "	July 1883	10	1	M	3.25 " "
July 1863	11	1	M	2.00 " "	Jan. 1884	10	1	M	3.25 " "
Jan. 1864	11	1	M	2.00 " "	July 1884	10	1	M	3.25 " "
July 1864	11	1	M	2.38 " "	Jan. 1885	10	1	M	3.25 " "
Jan. 1865	11	1	M	2.38 " "	July 1885	10	1	M	3.25 " "
July 1865	11	1	M	2.38 " "	Jan. 1886	10	1	M	3.25 " "
Jan. 1866	11	1	M	2.38 " "	July 1886	10	1	M	3.25 " "
July 1866	11	1	M	2.38 " "	Jan. 1887	10	1	M	3.25 " "
Jan. 1867	11	1	M	3.00 " "	July 1887	10	1	M	3.25 " "
July 1867	11	1	M	3.00 " "	Jan. 1888	10	1	M	3.25 " "
Jan. 1868	11	1	M	3.00 " "	July 1888	10	1	M	3.25 " "
July 1868	11	1	M	3.00 " "	Jan. 1889	10	1	M	3.25 " "
Jan. 1869	11	1	M	3.00 " "	July 1889	10	1	M	3.25 " "
July 1869	11	1	M	3.00 " "	Jan. 1890	10	1	M	3.25 " "
Jan. 1870	10	1	M	3.00 " "	July 1890	10	1	M	3.25 " "
July 1870	10	1	M	3.00 " "	Jan. 1891	10	1	M	3.25 " "
Jan. 1871	10	1	M	3.00 " "	July 1891	10	1	M	3.50 " "

LABORERS.

Jan. 1846	13	1	M	1.00 per day.	July 1854	12	1	M	1.00 per day.
July 1846	13	1	M	1.00 " "		12	1	M	1.25 " "
Jan. 1847	13	1	M	1.00 " "	Average	12	2	M	1.12½ " "
July 1847	13	1	M	1.00 " "					
Jan. 1848	13	1	M	1.00 " "	Jan. 1855	11	2	M	1.25 " "
July 1848	13	1	M	1.00 " "	July 1855	11	2	M	1.25 " "
Jan. 1849	13	2	M	1.00 " "	Jan. 1856	11	2	M	1.25 " "
July 1849	13	2	M	1.00 " "	July 1856	11	2	M	1.25 " "
Jan. 1850	12	2	M	1.00 " "	Jan. 1857	11	4	M	1.00 " "
July 1850	12	2	M	1.00 " "	July 1857	11	4	M	1.00 " "
Jan. 1851	12	2	M	1.00 " "	Jan. 1858	11	4	M	1.00 " "
July 1851	12	2	M	1.00 " "	July 1858	11	4	M	1.00 " "
Jan. 1852	12	2	M	1.00 " "					
July 1852	12	2	M	1.00 " "	Jan. 1859	11	2	M	1.00 " "
						11	2	M	1.25 " "
Jan. 1853	12	1	M	1.00 " "					
	12	1	M	1.25 " "	Average	11	4	M	1.12½ " "
Average	12	2	M	1.12½ " "					
					July 1859	11	2	M	1.00 " "
July 1853	12	1	M	1.00 " "		11	2	M	1.25 " "
	12	1	M	1.25 " "					
					Average	11	4	M	1.12½ " "
Average	12	2	M	1.12½ " "					
					Jan. 1860	11	2	M	1.00 " "
Jan. 1854	12	1	M	1.00 " "		11	2	M	1.25 " "
	12	1	M	1.25 " "					
					Average	11	4	M	1.12½ " "
Average	12	2	M	1.12½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1860	11	2	M	$1.00 per day.
	11	2	M	1.25 " "
Average	11	4	M	1.12½ " "
Jan. 1861	11	2	M	1.25 " "
July 1861	11	2	M	1.25 " "
Jan. 1862	11	1	M	1.25 " "
July 1862	11	1	M	1.33 " "
Jan. 1863	11	2	M	1.33 " "
July 1863	11	2	M	1.50 " "
Jan. 1864	11	3	M	1.50 " "
July 1864	11	3	M	1.50 " "
Jan. 1865	11	4	M	1.50 " "
July 1865	11	4	M	1.50 " "
Jan. 1866	11	1	M	1.25 " "
	11	1	M	1.50 " "
Average	11	2	M	1.37½ " "
July 1866	11	1	M	1.25 " "
	11	1	M	1.50 " "
Average	11	2	M	1.37½ " "
Jan. 1867	11	1	M	1.50 " "
	11	1	M	1.75 " "
Average	11	2	M	1.62½ " "
July 1867	11	1	M	1.50 " "
	11	1	M	1.75 " "
Average	11	2	M	1.62½ " "
Jan. 1868	11	1	M	1.50 " "
	11	1	M	1.75 " "
Average	11	2	M	1.62½ " "
July 1868	11	1	M	1.50 " "
	11	1	M	1.75 " "
Average	11	2	M	1.62½ " "
Jan. 1869	11	1	M	1.75 " "
July 1869	11	1	M	1.75 " "
Jan. 1870	10	1	M	1.75 " "
July 1870	10	1	M	1.75 " "
Jan. 1871	10	2	M	1.75 " "
July 1871	10	2	M	1.75 " "
Jan. 1872	10	2	M	1.75 " "
July 1872	10	2	M	1.75 " "
Jan. 1873	10	3	M	1.75 " "
July 1873	10	3	M	1.75 " "
Jan. 1874	10	3	M	1.75 " "
July 1874	10	3	M	1.75 " "
Jan. 1875	10	1	M	1.25 " "
	10	4	M	1.75 " "
Average	10	5	M	1.65 " "
July 1875	10	1	M	1.25 " "
	10	4	M	1.75 " "
Average	10	5	M	1.65 " "
Jan. 1876	10	1	M	1.25 " "
	10	3	M	1.60 " "
Average	10	4	M	1.51½ " "
Jan. 1877	10	1	M	$1.25 per day.
	10	3	M	1.60 " "
Average	10	4	M	1.51½ " "
July 1877	10	1	M	1.25 " "
	10	3	M	1.60 " "
Average	10	4	M	1.51½ " "
Jan. 1878	10	1	M	1.25 " "
	10	3	M	1.60 " "
Average	10	4	M	1.51½ " "
July 1878	10	1	M	1.25 " "
	10	3	M	1.60 " "
Average	10	4	M	1.51½ " "
Jan. 1879	10	2	M	1.50 " "
July 1879	10	2	M	1.50 " "
Jan. 1880	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1880	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
Jan. 1881	10	1	M	1.25 " "
	10	1	M	1.45 " "
	10	2	M	1.50 " "
Average	10	4	M	1.42½ " "
July 1881	10	1	M	1.25 " "
	10	3	M	1.50 " "
Average	10	4	M	1.43½ " "
Jan. 1882	10	3	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	1.65 " "
Average	10	6	M	1.57 " "
July 1882	10	3	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	1.65 " "
Average	10	6	M	1.57 " "
Jan. 1883	10	1	M	1.40 " "
	10	6	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	1.65 " "
Average	10	10	M	1.53½ " "
July 1883	10	7	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	1.65 " "
Average	10	10	M	1.54½ " "
Jan. 1884	10	7	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	1.65 " "
Average	10	10	M	1.54½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS—Continued.

LABORERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1884	10	6	M	$1.50 per day.
	10	1	M	1.62½ " "
	10	2	M	1.65 " "
Average	10	9	M	1.54½ " "
Jan. 1885	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	3	M	1.65 " "
Average	10	6	M	1.59½ " "
July 1885	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	3	M	1.65 " "
Average	10	6	M	1.59½ " "
Jan. 1886	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	3	M	1.65 " "
Average	10	6	M	1.59½ " "
July 1886	10	2	M	1.50 " "
	10	3	M	1.65 " "
Average	10	5	M	1.59 " "
Jan. 1887	10	1	M	1.50 " "
	10	2	M	1.56 " "
	10	2	M	1.65 " "
Average	10	5	M	1.58½ " "
July 1887	10	1	M	1.50 " "
	10	2	M	1.56 " "
	10	2	M	1.65 " "
Average	10	5	M	1.58½ " "
Jan. 1888	10	2	M	$1.50 per day.
	10	2	M	1.56 " "
	10	1	M	1.60 " "
Average	10	5	M	1.54½ " "
July 1888	10	2	M	1.50 " "
	10	2	M	1.56 " "
	10	1	M	1.60 " "
Average	10	5	M	1.54½ " "
Jan. 1889	10	3	M	1.50 " "
	10	2	M	1.56 " "
Average	10	5	M	1.52½ " "
July 1889	10	3	M	1.50 " "
	10	2	M	1.56 " "
Average	10	5	M	1.52½ " "
Jan. 1890	10	3	M	1.50 " "
	10	2	M	1.56 " "
Average	10	5	M	1.52½ " "
July 1890	10	3	M	1.50 " "
	10	2	M	1.56 " "
Average	10	5	M	1.52½ " "
Jan. 1891	10	3	M	1.50 " "
	10	2	M	1.56 " "
Average	10	5	M	1.52½ " "
July 1891	10	3	M	1.50 " "
	10	2	M	1.56 " "
Average	10	5	M	1.52½ " "

MACHINISTS.

Jan. 1844	13	1	M	1.37½ per day.
July 1844	13	1	M	1.37½ " "
Jan. 1845	13	1	M	1.37½ " "
July 1845	13	1	M	1.37½ " "
Jan. 1846	13	1	M	1.50 " "
July 1846	13	1	M	1.50 " "
Jan. 1847	13	1	M	1.50 " "
July 1847	13	1	M	1.50 " "
Jan. 1848	13	1	M	1.75 " "
July 1848	13	1	M	1.75 " "
Jan. 1849	13	1	M	1.75 " "
July 1849	13	1	M	1.75 " "
Jan. 1850	12	3	M	1.33½ " "
	12	1	M	1.37½ " "
	12	3	M	1.50 " "
	12	1	M	1.75 " "
	12	1	M	2.00 " "
Average	12	9	M	1.51½ " "
July 1850	12	3	M	1.33½ " "
	12	1	M	1.37½ " "
	12	3	M	1.50 " "
	12	1	M	1.75 " "
	12	1	M	2.00 " "
Average	12	9	M	1.51½ " "
Jan. 1851	12	3	M	1.33½ per day.
	12	1	M	1.37½ " "
	12	3	M	1.50 " "
	12	1	M	1.75 " "
	12	1	M	2.00 " "
Average	12	9	M	1.51½ " "
July 1851	12	3	M	1.33½ " "
	12	1	M	1.37½ " "
	12	3	M	1.50 " "
	12	1	M	1.75 " "
	12	1	M	2.00 " "
Average	12	9	M	1.51½ " "
Jan. 1852	12	3	M	1.33½ " "
	12	1	M	1.37½ " "
	12	3	M	1.50 " "
	12	1	M	1.75 " "
	12	1	M	2.00 " "
Average	12	9	M	1.51½ " "
July 1852	12	3	M	1.33½ " "
	12	1	M	1.37½ " "
	12	3	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1852–conc'd.	12	1	M	$1.75 per day.
	12	1	M	2.00 " "
Average	12	9	M	1.51½ " "
Jan. 1853	12	1	M	1.33 " "
	12	2	M	1.33½ " "
	12	1	M	1.37½ " "
	12	2	M	1.50 " "
	12	1	M	2.00 " "
Average	12	7	M	1.48 " "
July 1853	12	3	M	1.33½ " "
	12	1	M	1.37½ " "
	12	2	M	1.50 " "
	12	1	M	2.00 " "
Average	12	7	M	1.48 " "
Jan. 1854	12	2	M	1.33½ " "
	12	1	M	1.37½ " "
	12	1	M	1.46 " "
	12	1	M	1.50 " "
	12	1	M	1.62½ " "
	12	1	M	1.80 " "
	12	1	M	2.00 " "
Average	12	8	M	1.55½ " "
July 1854	12	2	M	1.33½ " "
	12	1	M	1.37½ " "
	12	1	M	1.46 " "
	12	1	M	1.50 " "
	12	1	M	1.62½ " "
	12	1	M	1.80 " "
	12	1	M	2.00 " "
Average	12	8	M	1.55½ " "
Jan. 1855	11	2	M	1.33½ " "
	11	2	M	1.37½ " "
	11	2	M	1.50 " "
	11	1	M	1.58 " "
	11	1	M	2.00 " "
Average	11	8	M	1.50 " "
July 1855	11	2	M	1.33½ " "
	11	2	M	1.37½ " "
	11	1	M	1.50 " "
	11	1	M	1.58 " "
	11	1	M	2.00 " "
Average	11	7	M	1.50 " "
Jan. 1856	11	2	M	1.33½ " "
	11	3	M	1.37½ " "
	11	1	M	1.40 " "
	11	1	M	1.41 " "
	11	1	M	1.50 " "
	11	1	M	1.58 " "
	11	1	M	1.67 " "
	11	2	M	2.00 " "
Average	11	12	M	1.53 " "
July 1856	11	1	M	1.33½ " "
	11	2	M	1.37½ " "
	11	1	M	1.40 " "
	11	2	M	1.41 " "
	11	2	M	1.50 " "
	11	1	M	1.58 " "
	11	1	M	1.67 " "
	11	2	M	2.00 " "
Average	11	12	M	1.54½ " "
Jan. 1857	11	3	M	$1.37½ per day.
	11	5	M	1.50 " "
	11	1	M	1.58 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	11	M	1.54 " "
July 1857	11	3	M	1.37½ " "
	11	4	M	1.50 " "
	11	2	M	1.58 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	11	M	1.55 " "
Jan. 1858	11	2	M	1.31 " "
	11	2	M	1.37½ " "
	11	3	M	1.50 " "
	11	2	M	1.71 " "
	11	2	M	1.75 " "
Average	11	11	M	1.52½ " "
July 1858	11	2	M	1.31 " "
	11	2	M	1.37½ " "
	11	3	M	1.50 " "
	11	2	M	1.71 " "
	11	2	M	1.75 " "
Average	11	11	M	1.52½ " "
Jan. 1859	11	2	M	1.31 " "
	11	1	M	1.46 " "
	11	2	M	1.50 " "
	11	2	M	1.71 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	9	M	1.58½ " "
July 1859	11	1	M	1.33½ " "
	11	1	M	1.46 " "
	11	4	M	1.50 " "
	11	2	M	1.71 " "
	11	1	M	1.75 " "
	11	1	M	2.00 " "
Average	11	10	M	1.59½ " "
Jan. 1860	11	1	M	1.33½ " "
	11	1	M	1.46 " "
	11	5	M	1.50 " "
	11	2	M	1.71 " "
	11	1	M	1.75 " "
	11	1	M	2.50 " "
Average	11	11	M	1.63½ " "
July 1860	11	1	M	1.33½ " "
	11	1	M	1.46 " "
	11	5	M	1.50 " "
	11	2	M	1.71 " "
	11	1	M	1.75 " "
	11	1	M	2.50 " "
Average	11	11	M	1.63½ " "
Jan. 1861	11	1	M	1.33½ " "
	11	5	M	1.50 " "
	11	2	M	1.67 " "
	11	3	M	1.75 " "
	11	1	M	3.00 " "
Average	11	12	M	1.70 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1861	11	1	M	$1.33½ per day.
	11	5	M	1.50 " "
	11	2	M	1.67 " "
	11	3	M	1.75 " "
	11	1	M	3.50 " "
Average	11	12	M	1.74½ " "
Jan. 1862	11	1	M	1.33½ " "
	11	4	M	1.50 " "
	11	2	M	1.67 " "
	11	4	M	1.75 " "
	11	1	M	3.50 " "
Average	11	12	M	1.76½ " "
July 1862	11	5	M	1.50 " "
	11	1	M	1.67 " "
	11	4	M	1.75 " "
	11	1	M	3.50 " "
Average	11	11	M	1.79 " "
Jan. 1863	11	1	M	1.37½ " "
	11	6	M	1.50 " "
	11	2	M	1.75 " "
	11	1	M	2.00 " "
	11	1	M	3.50 " "
Average	11	11	M	1.76 " "
July 1863	11	6	M	1.50 " "
	11	1	M	1.67 " "
	11	3	M	2.00 " "
	11	1	M	3.50 " "
Average	11	11	M	1.83½ " "
Jan. 1864	11	3	M	1.50 " "
	11	2	M	1.67 " "
	11	1	M	1.75 " "
	11	4	M	2.00 " "
	11	1	M	3.50 " "
Average	11	11	M	1.91½ " "
July 1864	11	1	M	1.50 " "
	11	2	M	1.75 " "
	11	3	M	2.00 " "
	11	3	M	2.25 " "
	11	1	M	2.75 " "
	11	1	M	3.50 " "
Average	11	11	M	2.18 " "
Jan. 1865	11	4	M	1.50 " "
	11	1	M	1.75 " "
	11	4	M	2.00 " "
	11	3	M	2.25 " "
	11	1	M	2.50 " "
	11	2	M	2.75 " "
	11	1	M	3.50 " "
Average	11	16	M	2.12½ " "
July 1865	11	2	M	1.50 " "
	11	1	M	1.75 " "
	11	3	M	2.00 " "
	11	3	M	2.25 " "
	11	1	M	2.37½ " "
	11	3	M	2.50 " "
	11	2	M	2.75 " "
	11	1	M	3.00 " "
Average	11	16	M	2.24 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1866	11	3	M	$1.75 per day.
	11	4	M	2.00 " "
	11	1	M	2.25 " "
	11	4	M	2.50 " "
	11	1	M	2.60 " "
	11	2	M	2.75 " "
	11	1	M	3.00 " "
	11	1	M	3.10 " "
Average	11	17	M	2.33½ " "
July 1866	11	3	M	1.75 " "
	11	4	M	2.00 " "
	11	5	M	2.50 " "
	11	1	M	2.60 " "
	11	1	M	2.75 " "
	11	2	M	3.00 " "
	11	1	M	3.10 " "
Average	11	17	M	2.36½ " "
Jan. 1867	11	1	M	1.67 " "
	11	1	M	1.75 " "
	11	4	M	2.00 " "
	11	5	M	2.25 " "
	11	5	M	2.50 " "
	11	6	M	2.75 " "
	11	2	M	3.00 " "
	11	1	M	3.10 " "
Average	11	25	M	2.43 " "
July 1867	11	1	M	1.67 " "
	11	1	M	1.75 " "
	11	4	M	2.00 " "
	11	5	M	2.25 " "
	11	5	M	2.50 " "
	11	6	M	2.75 " "
	11	2	M	3.00 " "
	11	1	M	3.10 " "
Average	11	25	M	2.43 " "
Jan. 1868	11	1	M	1.66 " "
	11	1	M	1.75 " "
	11	4	M	2.00 " "
	11	3	M	2.25 " "
	11	5	M	2.50 " "
	11	5	M	2.75 " "
	11	2	M	3.00 " "
	11	1	M	3.10 " "
Average	11	22	M	2.43 " "
July 1868	11	2	M	1.75 " "
	11	4	M	2.00 " "
	11	1	M	2.25 " "
	11	4	M	2.50 " "
	11	6	M	2.75 " "
	11	2	M	3.00 " "
	11	1	M	3.10 " "
Average	11	20	M	2.46½ " "
Jan. 1869	11	1	M	1.75 " "
	11	5	M	2.00 " "
	11	1	M	2.25 " "
	11	3	M	2.50 " "
	11	6	M	2.75 " "
	11	2	M	3.00 " "
	11	1	M	3.10 " "
Average	11	19	M	2.48 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1869	11	1	M	$1.75 per day.
	11	3	M	2.00 " "
	11	3	M	2.25 " "
	11	2	M	2.50 " "
	11	6	M	2.75 " "
	11	2	M	3.00 " "
	11	1	M	3.50 " "
Average	11	18	M	2.53 " "
Jan. 1870	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	3	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	17	M	2.39½ " "
July 1870	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	2	M	2.00 " "
	10	4	M	2.25 " "
	10	3	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	17	M	2.42½ " "
Jan. 1871	10	1	M	1.60 " "
	10	3	M	1.75 " "
	10	4	M	2.25 " "
	10	4	M	2.50 " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
Average	10	19	M	2.44 " "
July 1871	10	3	M	1.75 " "
	10	1	M	1.85 " "
	10	2	M	2.25 " "
	10	6	M	2.50 " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
Average	10	19	M	2.48 " "
Jan. 1872	10	4	M	1.75 " "
	10	8	M	2.25 " "
	10	6	M	2.50 " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	26	M	2.45 " "
July 1872	10	4	M	1.75 " "
	10	8	M	2.25 " "
	10	3	M	2.50 " "
	10	6	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	25	M	2.47 " "
Jan. 1873	10	2	M	1.50 " "
	10	3	M	1.75 " "
Jan. 1873–conc'd.	10	1	M	$2.00 per day.
	10	6	M	2.25 " "
	10	5	M	2.50 " "
	10	6	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	27	M	2.42½ " "
July 1873	10	2	M	1.50 " "
	10	3	M	1.75 " "
	10	1	M	2.00 " "
	10	6	M	2.25 " "
	10	4	M	2.50 " "
	10	5	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	26	M	2.43½ " "
Jan. 1874	10	2	M	1.50 " "
	10	3	M	1.75 " "
	10	1	M	2.00 " "
	10	6	M	2.25 " "
	10	4	M	2.50 " "
	10	5	M	2.75 " "
	10	4	M	3.00 " "
	10	2	M	3.50 " "
Average	10	27	M	2.46½ " "
July 1874	10	1	M	1.50 " "
	10	4	M	1.75 " "
	10	1	M	2.00 " "
	10	6	M	2.25 " "
	10	4	M	2.50 " "
	10	5	M	2.75 " "
	10	4	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	27	M	2.46½ " "
Jan. 1875	10	1	M	1.50 " "
	10	4	M	1.75 " "
	10	4	M	2.00 " "
	10	7	M	2.25 " "
	10	4	M	2.50 " "
	10	6	M	2.75 " "
	10	4	M	3.00 " "
	10	2	M	3.25 " "
	10	2	M	3.50 " "
Average	10	34	M	2.48 " "
July 1875	10	1	M	1.50 " "
	10	3	M	1.75 " "
	10	5	M	2.00 " "
	10	7	M	2.25 " "
	10	4	M	2.50 " "
	10	6	M	2.75 " "
	10	4	M	3.00 " "
	10	2	M	3.25 " "
	10	2	M	3.50 " "
Average	10	34	M	2.48½ " "
Jan. 1876	10	4	M	1.75 " "
	10	7	M	2.00 " "
	10	6	M	2.25 " "
	10	4	M	2.50 " "
	10	6	M	2.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1876-conc'd.	10	3	M	$3.00 per day.
	10	2	M	3.25 " "
	10	1	M	3.50 " "
Average	10	33	M	2.42½ " "
July 1876	10	2	M	1.60 " "
	10	2	M	1.75 " "
	10	1	M	1.80 " "
	10	2	M	1.85 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	3	M	2.03 " "
	10	5	M	2.25 " "
	10	5	M	2.48 " "
	10	2	M	2.50 " "
	10	3	M	2.70 " "
	10	1	M	2.93 " "
	10	1	M	3.00 " "
	10	1	M	3.15 " "
Average	10	31	M	2.26 " "
Jan. 1877	10	2	M	1.60 " "
	10	2	M	1.75 " "
	10	1	M	1.80 " "
	10	2	M	1.85 " "
	10	1	M	1.90 " "
	10	1	M	2.00 " "
	10	4	M	2.03 " "
	10	4	M	2.25 " "
	10	5	M	2.48 " "
	10	2	M	2.50 " "
	10	3	M	2.70 " "
	10	1	M	2.93 " "
	10	1	M	3.00 " "
	10	1	M	3.15 " "
Average	10	30	M	2.26 " "
July 1877	10	3	M	1.60 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	2	M	1.85 " "
	10	1	M	1.90 " "
	10	1	M	2.00 " "
	10	4	M	2.03 " "
	10	4	M	2.25 " "
	10	5	M	2.48 " "
	10	2	M	2.50 " "
	10	2	M	2.70 " "
	10	1	M	2.93 " "
	10	1	M	3.00 " "
	10	1	M	3.15 " "
Average	10	29	M	2.24 " "
Jan. 1878	10	3	M	1.60 " "
	10	3	M	1.75 " "
	10	1	M	1.80 " "
	10	2	M	1.85 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	4	M	2.03 " "
	10	3	M	2.25 " "
	10	5	M	2.48 " "
	10	2	M	2.50 " "
	10	3	M	2.70 " "
	10	1	M	2.93 " "
	10	1	M	3.00 " "
	10	1	M	3.15 " "
Average	**10**	**33**	**M**	**2.21** " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1878	10	3	M	$1.60 per day.
	10	3	M	1.75 " "
	10	1	M	1.80 " "
	10	2	M	1.85 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	4	M	2.03 " "
	10	2	M	2.25 " "
	10	5	M	2.48 " "
	10	3	M	2.50 " "
	10	3	M	2.70 " "
	10	1	M	2.93 " "
	10	1	M	3.00 " "
	10	1	M	3.15 " "
Average	10	32	M	2.22½ " "
Jan. 1879	10	2	M	1.55 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	3	M	1.80 " "
	10	1	M	1.83 " "
	10	1	M	1.95 " "
	10	4	M	2.00 " "
	10	4	M	2.20 " "
	10	1	M	2.25 " "
	10	4	M	2.40 " "
	10	1	M	2.60 " "
	10	1	M	2.85 " "
	10	1	M	3.15 " "
Average	10	27	M	2.08 " "
July 1879	10	2	M	1.55 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	3	M	1.80 " "
	10	1	M	1.83 " "
	10	1	M	1.95 " "
	10	4	M	2.00 " "
	10	4	M	2.20 " "
	10	1	M	2.25 " "
	10	4	M	2.40 " "
	10	1	M	2.60 " "
	10	1	M	2.85 " "
	10	1	M	3.15 " "
Average	10	27	M	2.08 " "
Jan. 1880	10	1	M	1.55 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	4	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.83 " "
	10	1	M	1.95 " "
	10	8	M	2.00 " "
	10	2	M	2.20 " "
	10	1	M	2.25 " "
	10	5	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.85 " "
	10	1	M	3.15 " "
Average	10	31	M	2.09 " "
July 1880	10	1	M	1.55 " "
	10	1	M	1.60 " "
	10	1	M	1.70 " "
	10	6	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880–conc'd.	10	7	M	$2.00 per day.
	10	1	M	2.20 " "
	10	4	M	2.25 " "
	10	1	M	2.40 " "
	10	6	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.65 " "
	10	1	M	2.85 " "
	10	2	M	3.25 " "
Average	10	33	M	2.20 " "
Jan. 1881	10	1	M	1.55 " "
	10	1	M	1.65 " "
	10	1	M	1.67 " "
	10	1	M	1.70 " "
	10	5	M	1.75 " "
	10	9	M	2.00 " "
	10	5	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	9	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.75 " "
	10	1	M	2.85 " "
	10	2	M	3.25 " "
Average	10	39	M	2.22 " "
July 1881	10	1	M	1.65 " "
	10	1	M	1.70 " "
	10	6	M	1.75 " "
	10	11	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	10	M	2.50 " "
	10	1	M	2.60 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	2	M	3.25 " "
Average	10	40	M	2.24½ " "
Jan. 1882	10	4	M	1.75 " "
	10	15	M	2.00 " "
	10	5	M	2.25 " "
	10	10	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.10 " "
	10	3	M	3.25 " "
	10	1	M	3.50 " "
Average	10	44	M	2.35½ " "
July 1882	10	4	M	1.75 " "
	10	15	M	2.00 " "
	10	5	M	2.25 " "
	10	10	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.10 " "
	10	3	M	3.25 " "
	10	1	M	3.50 " "
Average	10	44	M	2.35½ " "
Jan. 1883	10	3	M	1.75 " "
	10	16	M	2.00 " "
	10	7	M	2.25 " "
	10	10	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.10 " "
Jan. 1883–conc'd.	10	2	M	$3.25 per day.
	10	2	M	3.50 " "
Average	10	46	M	2.36½ " "
July 1883	10	3	M	1.75 " "
	10	16	M	2.00 " "
	10	7	M	2.25 " "
	10	10	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.10 " "
	10	2	M	3.25 " "
	10	2	M	3.50 " "
Average	10	46	M	2.36½ " "
Jan. 1884	10	3	M	1.75 " "
	10	15	M	2.00 " "
	10	9	M	2.25 " "
	10	10	M	2.50 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.10 " "
	10	2	M	3.25 " "
	10	2	M	3.50 " "
Average	10	47	M	2.37 " "
July 1884	10	3	M	1.75 " "
	10	15	M	2.00 " "
	10	8	M	2.25 " "
	10	9	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.10 " "
	10	2	M	3.25 " "
	10	2	M	3.50 " "
Average	10	44	M	2.36 " "
Jan. 1885	10	2	M	1.75 " "
	10	11	M	2.00 " "
	10	6	M	2.25 " "
	10	8	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.10 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	33	M	2.35 " "
July 1885	10	2	M	1.75 " "
	10	11	M	2.00 " "
	10	6	M	2.25 " "
	10	8	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.10 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	33	M	2.35 " "
Jan. 1886	10	2	M	1.75 " "
	10	11	M	2.00 " "
	10	6	M	2.25 " "
	10	7	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.10 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	33	M	2.36 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1886	10	1	M	$1.75 per day.	Jan. 1889–conc'd.	10	2	M	$3.25 per day.
	10	1	M	1.85 " "		10	1	M	3.50 " "
	10	11	M	2.00 " "	Average	10	31	M	2.44 " "
	10	5	M	2.25 " "					
	10	8	M	2.50 " "	July 1889	10	4	M	2.00 " "
	10	2	M	2.75 " "		10	1	M	2.20 " "
	10	2	M	3.00 " "		10	11	M	2.25 " "
	10	1	M	3.10 " "		10	1	M	2.40 " "
	10	2	M	3.50 " "		10	8	M	2.50 " "
						10	3	M	3.00 " "
Average	10	33	M	2.37½ " "		10	2	M	3.25 " "
						10	1	M	3.50 " "
Jan. 1887	10	1	M	1.75 " "					
	10	1	M	1.85 " "	Average	10	31	M	2.46½ " "
	10	11	M	2.00 " "					
	10	1	M	2.20 " "	Jan. 1890	10	1	M	1.75 " "
	10	5	M	2.25 " "		10	2	M	2.00 " "
	10	1	M	2.40 " "		10	1	M	2.20 " "
	10	7	M	2.50 " "		10	12	M	2.25 " "
	10	3	M	3.00 " "		10	1	M	2.40 " "
	10	2	M	3.25 " "		10	8	M	2.50 " "
	10	1	M	3.50 " "		10	3	M	3.00 " "
						10	2	M	3.25 " "
Average	10	33	M	2.36 " "		10	1	M	3.50 " "
July 1887	10	12	M	2.00 " "	Average	10	31	M	2.46½ " "
	10	1	M	2.20 " "					
	10	5	M	2.25 " "	July 1890	10	1	M	1.75 " "
	10	1	M	2.40 " "		10	2	M	2.00 " "
	10	8	M	2.50 " "		10	1	M	2.20 " "
	10	3	M	3.00 " "		10	11	M	2.25 " "
	10	2	M	3.25 " "		10	2	M	2.40 " "
	10	1	M	3.50 " "		10	8	M	2.50 " "
						10	3	M	3.00 " "
Average	10	33	M	2.39 " "		10	1	M	3.25 " "
						10	2	M	3.50 " "
Jan. 1888	10	9	M	2.00 " "					
	10	1	M	2.20 " "	Average	10	31	M	2.47½ " "
	10	8	M	2.25 " "					
	10	8	M	2.50 " "	Jan. 1891	10	1	M	1.75 " "
	10	3	M	3.00 " "		10	1	M	2.00 " "
	10	1	M	3.25 " "		10	1	M	2.20 " "
	10	1	M	3.50 " "		10	10	M	2.25 " "
						10	12	M	2.50 " "
Average	10	31	M	2.38½ " "		10	3	M	3.00 " "
						10	1	M	3.25 " "
July 1888	10	7	M	2.00 " "		10	2	M	3.50 " "
	10	1	M	2.20 " "					
	10	3	M	2.25 " "	Average	10	31	M	2.50½ " "
	10	9	M	2.50 " "					
	10	3	M	3.00 " "	July 1891	10	1	M	1.75 " "
	10	1	M	3.25 " "		10	1	M	2.00 " "
	10	1	M	3.50 " "		10	1	M	2.20 " "
						10	8	M	2.25 " "
Average	10	31	M	2.41 " "		10	1	M	2.37 " "
						10	12	M	2.50 " "
Jan. 1889	10	5	M	2.00 " "		10	1	M	2.75 " "
	10	1	M	2.20 " "		10	2	M	3.00 " "
	10	10	M	2.25 " "		10	2	M	3.25 " "
	10	1	M	2.40 " "		10	2	M	3.50 " "
	10	9	M	2.50 " "					
	10	2	M	3.00 " "	Average	10	31	M	2.53½ " "

WOODWORKERS.

Jan. 1850	12	1	M	1.33½ per day.	July 1852	12	1	M	1.33½ per day.
July 1850	12	1	M	1.33½ " "	Jan. 1853	12	1	M	1.50 " "
Jan. 1851	12	1	M	1.33½ " "	July 1853	12	1	M	1.50 " "
July 1851	12	1	M	1.33½ " "	Jan. 1854	12	1	M	1.50 " "
Jan. 1852	12	1	M	1.33½ " "	July 1854	12	1	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS—Continued.

WOODWORKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1855	11	1	M	$1.50 per day.
	11	1	M	1.67 " "
Average	11	2	M	1.58½ " "
July 1855	11	1	M	1.50 " "
	11	1	M	1.67 " "
Average	11	2	M	1.58½ " "
Jan. 1856	11	1	M	1.33½ " "
	11	1	M	1.50 " "
	11	1	M	1.66½ " "
Average	11	3	M	1.50 " "
July 1856	11	1	M	1.33½ " "
	11	1	M	1.50 " "
	11	1	M	1.66½ " "
Average	11	3	M	1.50 " "
Jan. 1857	11	2	M	1.50 " "
	11	1	M	1.66½ " "
Average	11	3	M	1.55½ " "
July 1857	11	2	M	1.50 " "
	11	1	M	1.66½ " "
Average	11	3	M	1.55½ " "
Jan. 1858	11	2	M	1.50 " "
	11	1	M	1.66½ " "
Average	11	3	M	1.55½ " "
July 1858	11	2	M	1.50 " "
	11	1	M	1.66½ " "
Average	11	3	M	1.55½ " "
Jan. 1859	11	1	M	1.31 " "
	11	2	M	1.75 " "
Average	11	3	M	1.60½ " "
July 1859	11	1	M	1.31 " "
	11	2	M	1.75 " "
Average	11	3	M	1.60½ " "
Jan. 1860	11	1	M	1.50 " "
	11	2	M	1.75 " "
Average	11	3	M	1.66½ " "
July 1860	11	1	M	1.50 " "
	11	2	M	1.75 " "
Average	11	3	M	1.66½ " "
Jan. 1861	11	1	M	1.50 " "
	11	2	M	2.00 " "
Average	11	3	M	1.83½ " "
July 1861	11	1	M	1.50 " "
	11	2	M	2.00 " "
Average	11	3	M	1.83½ " "
Jan. 1862	11	1	M	1.50 " "
	11	3	M	2.00 " "
Average	**11**	**4**	**M**	**1.87½ " "**
July 1862	11	1	M	$1.50 per day.
	11	2	M	2.00 " "
	11	1	M	2.25 " "
Average	11	4	M	1.93½ " "
Jan. 1863	11	1	M	1.50 " "
	11	1	M	2.00 " "
	11	1	M	2.25 " "
Average	11	3	M	1.91½ " "
July 1863	11	1	M	1.50 " "
	11	1	M	2.00 " "
	11	1	M	2.25 " "
Average	11	3	M	1.91½ " "
Jan. 1864	11	1	M	1.50 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	3	M	2.08½ " "
July 1864	11	1	M	1.75 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	3	M	2.16½ " "
Jan. 1865	11	1	M	2.00 " "
	11	1	M	2.25 " "
	11	1	M	2.50 " "
Average	11	3	M	2.25 " "
July 1865	11	1	M	2.00 " "
	11	2	M	2.75 " "
Average	11	3	M	2.50 " "
Jan. 1866	11	1	M	2.00 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	3	M	2.58½ " "
July 1866	11	1	M	2.00 " "
	11	1	M	2.75 " "
	11	1	M	3.00 " "
Average	11	3	M	2.58½ " "
Jan. 1867	11	1	M	2.25 " "
	11	1	M	3.00 " "
Average	11	2	M	2.62½ " "
July 1867	11	1	M	2.25 " "
	11	1	M	3.00 " "
Average	11	2	M	2.62½ " "
Jan. 1868	11	1	M	2.25 " "
	11	1	M	3.00 " "
Average	11	2	M	2.62½ " "
July 1868	11	1	M	2.25 " "
	11	1	M	3.00 " "
Average	**11**	**2**	**M**	**2.62½ " "**

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS—Continued.

WOODWORKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	11	1	M	$2.25 per day.
	11	1	M	3.00 " "
Average	11	2	M	2.62½ " "
July 1869	11	1	M	2.25 " "
	11	1	M	3.00 " "
Average	11	2	M	2.62½ " "
Jan. 1870	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	2	M	2.62½ " "
July 1870	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	2	M	2.62½ " "
Jan. 1871	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	2	M	2.62½ " "
July 1871	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	2	M	2.62½ " "
Jan. 1872	10	1	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	3	M	2.66½ " "
July 1872	10	1	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	3	M	2.66½ " "
Jan. 1873	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	2	M	2.62½ " "
July 1873	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	2	M	2.62½ " "
Jan. 1874	10	1	M	3.00 " "
July 1874	10	1	M	3.00 " "
Jan. 1875	10	1	M	3.00 " "
July 1875	10	1	M	3.00 " "
Jan. 1876	10	1	M	3.00 " "
July 1876	10	1	M	2.70 " "
Jan. 1877	10	1	M	2.70 " "
July 1877	10	1	M	2.70 " "
Jan. 1878	10	1	M	2.70 " "
July 1878	10	1	M	2.70 " "
Jan. 1879	10	1	M	2.25 " "
	10	1	M	2.40 " "
Average	10	2	M	2.32½ " "
July 1879	10	1	M	2.25 " "
	10	1	M	2.40 " "
Average	10	2	M	2.32½ " "
Jan. 1880	10	1	M	$2.25 per day.
	10	1	M	2.40 " "
Average	10	2	M	2.32½ " "
July 1880	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	2	M	2.37½ " "
Jan. 1881	10	1	M	2.25 " "
	10	1	M	2.64 " "
Average	10	2	M	2.44½ " "
July 1881	10	2	M	2.50 " "
	10	1	M	2.64 " "
Average	10	3	M	2.54½ " "
Jan. 1882	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.64 " "
Average	10	5	M	2.38 " "
July 1882	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.64 " "
Average	10	5	M	2.38 " "
Jan. 1883	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.64 " "
Average	10	5	M	2.38 " "
July 1883	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.64 " "
Average	10	5	M	2.38 " "
Jan. 1884	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.64 " "
Average	10	5	M	2.38 " "
July 1884	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.64 " "
Average	10	5	M	2.38 " "
Jan. 1885	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.64 " "
Average	10	4	M	2.41 " "
July 1885	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.64 " "
Average	10	4	M	2.41 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHUSETTS—Concluded.

WOODWORKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886	10	1	M	$2.00 per day.	Jan. 1889	10	1	M	$2.00 per day.
	10	2	M	2.50 " "		10	2	M	2.50 " "
	10	1	M	2.64 " "		10	1	M	2.64 " "
Average	10	4	M	2.41 " "	Average	10	4	M	2.41 " "
July 1886	10	1	M	2.00 " "	July 1889	10	1	M	2.17 " "
	10	2	M	2.50 " "		10	2	M	2.50 " "
	10	1	M	2.64 " "		10	1	M	2.64 " "
Average	10	4	M	2.41 " "	Average	10	4	M	2.45½ " "
Jan. 1887	10	1	M	2.00 " "	Jan. 1890	10	1	M	2.17 " "
	10	2	M	2.50 " "		10	2	M	2.50 " "
	10	1	M	2.64 " "		10	1	M	2.64 " "
Average	10	4	M	2.41 " "	Average	10	4	M	2.45½ " "
July 1887	10	1	M	2.00 " "	July 1890	10	1	M	2.17 " "
	10	2	M	2.50 " "		10	2	M	2.50 " "
	10	1	M	2.64 " "		10	1	M	2.64 " "
Average	10	4	M	2.41 " "	Average	10	4	M	2.45½ " "
Jan. 1888	10	1	M	2.00 " "	Jan. 1891	10	1	M	2.17 " "
	10	2	M	2.50 " "		10	2	M	2.50 " "
	10	1	M	2.64 " "		10	1	M	2.64 " "
Average	10	4	M	2.41 " "	Average	10	4	M	2.45½ " "
July 1888	10	1	M	2.00 " "	July 1891	10	1	M	2.17 " "
	10	2	M	2.50 " "		10	2	M	2.50 " "
	10	1	M	2.64 " "		10	1	M	2.64 " "
Average	10	4	M	2.41 " "	Average	10	4	M	2.45½ " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE.

BLACKSMITHS.

Jan. 1845	11	1	M	1.17 per day.	July 1855	10	1	M	1.67 per day.
July 1845	11	1	M	1.17 " "	Jan. 1856	10	1	M	1.42 " "
Jan. 1846	11	1	M	1.33 " "	Jan. 1858	10	1	M	1.50 " "
July 1846	11	1	M	1.17 " "	July 1858	10	1	M	1.33 " "
Jan. 1848	10	1	M	1.25 " "	Jan. 1859	10	1	M	1.33 " "
July 1848	10	1	M	1.25 " "	July 1859	10	1	M	1.50 " "
Jan. 1849	10	1	M	1.25 " "	Jan. 1860	10	1	M	1.50 " "
July 1849	10	1	M	1.33 " "	July 1860	10	1	M	1.50 " "
Jan. 1850	10	1	M	1.33 " "	Jan. 1861	10	1	M	1.42 " "
July 1850	10	1	M	1.33 " "	July 1861	10	1	M	1.42 " "
Jan. 1851	10	1	M	1.33 " "	Jan. 1862	10	1	M	1.58 " "
July 1851	10	1	M	1.42 " "	July 1862	10	1	M	1.50 " "
Jan. 1852	10	1	M	1.42 " "					
July 1852	10	1	M	1.42 " "	Jan. 1863	10	1	M	1.50 " "
						10	1	M	1.67 " "
Jan. 1853	10	1	M	1.33 " "					
	10	1	M	1.50 " "	Average	10	2	M	1.58½ " "
	10	1	M	1.75 " "					
					July 1863	10	1	M	1.50 " "
Average	10	3	M	1.52½ " "		10	1	M	1.83 " "
July 1853	10	2	M	1.50 " "	Average	10	2	M	1.66½ " "
Jan. 1854	10	3	M	1.50 " "					
July 1854	10	3	M	1.50 " "	Jan. 1864	10	1	M	1.50 " "
						10	1	M	1.91 " "
Jan. 1855	10	1	M	1.50 " "					
	10	1	M	1.67 " "	Average	10	2	M	1.70½ " "
Average	**10**	**2**	**M**	**1.58½ " "**	**July 1864**	**10**	**1**	**M**	**2.25 " "**

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

BLACKSMITHS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865	10	2	M	$2.50 per day.	Jan. 1873	10	1	M	$2.75 per day.
July 1865	10	1	M	2.25 " "	July 1873	10	1	M	2.75 " "
Jan. 1866	10	2	M	2.50 " "	Jan. 1874	10	1	M	2.75 " "
					July 1874	10	1	M	2.75 " "
July 1866	10	1	M	2.17 " "	Jan. 1875	10	1	M	2.75 " "
	10	2	M	2.50 " "	July 1875	10	1	M	2.33 " "
					Jan. 1879	10	1	M	2.00 " "
Average	10	3	M	2.39 " "	July 1879	10	1	M	2.00 " "
					Jan. 1880	10	1	M	2.00 " "
Jan. 1867	10	1	M	2.17 " "	July 1880	10	1	M	2.00 " "
	10	2	M	2.50 " "	Jan. 1881	10	1	M	2.00 " "
					July 1881	10	1	M	2.00 " "
Average	10	3	M	2.39 " "	Jan. 1882	10	1	M	2.00 " "
					July 1882	10	1	M	2.00 " "
July 1867	10	1	M	2.50 " "	Jan. 1883	10	1	M	2.00 " "
Jan. 1868	10	1	M	2.25 " "	July 1883	10	1	M	2.00 " "
July 1868	10	2	M	2.25 " "	Jan. 1884	10	1	M	1.75 " "
Jan. 1869	10	1	M	2.50 " "	July 1884	10	1	M	1.75 " "
July 1869	10	1	M	1.75 " "	Jan. 1885	10	1	M	1.75 " "
Jan. 1870	10	1	M	2.00 " "	July 1885	10	1	M	1.75 " "
July 1870	10	1	M	2.25 " "	Jan. 1886	10	1	M	1.75 " "
Jan. 1871	10	1	M	2.25 " "	July 1886	10	1	M	1.75 " "
July 1871	10	1	M	2.50 " "	Jan. 1887	10	1	M	2.00 " "
Jan. 1872	10	1	M	2.50 " "	July 1887	10	1	M	2.00 " "
July 1872	10	1	M	2.50 " "	Jan. 1888	10	1	M	2.00 " "

ENGINEERS.

July 1852	10	1	M	1.00 per day.	July 1871	10	1	M	2.00 per day.
Jan. 1853	10	1	M	1.00 " "	Jan. 1872	10	1	M	2.00 " "
July 1853	10	1	M	1.00 " "	July 1872	10	1	M	2.00 " "
Jan. 1854	10	1	M	1.00 " "	Jan. 1873	10	1	M	2.00 " "
July 1854	10	1	M	1.00 " "	July 1873	10	1	M	2.00 " "
Jan. 1855	10	1	M	1.00 " "	Jan. 1874	10	1	M	2.00 " "
July 1855	10	1	M	1.00 " "	July 1874	10	1	M	2.00 " "
Jan. 1856	10	1	M	1.17 " "	Jan. 1875	10	1	M	2.00 " "
July 1856	10	1	M	1.17 " "	July 1875	10	1	M	2.00 " "
Jan. 1857	10	1	M	1.17 " "	July 1876	10	1	M	2.00 " "
July 1857	10	1	M	1.17 " "	Jan. 1879	10	1	M	1.15 " "
Jan. 1858	10	1	M	1.17 " "	July 1879	10	1	M	1.15 " "
July 1858	10	1	M	1.08 " "	Jan. 1880	10	1	M	1.15 " "
Jan. 1859	10	1	M	1.08 " "	July 1880	10	1	M	1.15 " "
July 1859	10	1	M	1.17 " "	Jan. 1881	10	1	M	1.15 " "
Jan. 1860	10	1	M	1.17 " "	July 1881	10	1	M	1.15 " "
July 1860	10	1	M	1.17 " "	Jan. 1882	10	1	M	1.15 " "
Jan. 1861	10	1	M	1.17 " "	July 1882	10	1	M	1.15 " "
Jan. 1862	10	1	M	1.17 " "	Jan. 1883	10	1	M	1.15 " "
July 1862	10	1	M	1.17 " "	July 1883	10	1	M	1.15 " "
Jan. 1863	10	1	M	1.17 " "	Jan. 1884	10	1	M	1.15 " "
July 1863	10	1	M	1.25 " "	July 1884	10	1	M	1.15 " "
Jan. 1864	10	1	M	1.25 " "	Jan. 1885	10	1	M	1.20 " "
July 1864	10	1	M	1.50 " "	July 1885	10	1	M	1.20 " "
Jan. 1865	10	1	M	1.50 " "	Jan. 1886	10	1	M	1.20 " "
July 1865	10	1	M	1.50 " "	July 1886	10	1	M	1.25 " "
Jan. 1866	10	1	M	1.75 " "	Jan. 1887	10	1	M	1.25 " "
July 1866	10	1	M	1.75 " "	July 1887	10	1	M	1.25 " "
Jan. 1867	10	1	M	1.75 " "	Jan. 1888	10	1	M	1.25 " "
July 1867	10	1	M	1.75 " "	July 1888	10	1	M	1.25 " "
Jan. 1868	10	1	M	1.75 " "	Jan. 1889	10	1	M	1.25 " "
July 1868	10	1	M	1.75 " "	July 1889	10	1	M	1.25 " "
Jan. 1869	10	1	M	1.75 " "	Jan. 1890	10	1	M	1.25 " "
July 1869	10	1	M	2.00 " "	July 1890	10	1	M	1.25 " "
Jan. 1870	10	1	M	2.00 " "	Jan. 1891	10	1	M	1.25 " "
July 1870	10	1	M	2.00 " "	July 1891	10	1	M	1.25 " "
Jan. 1871	10	1	M	2.00 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

LABORERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1846	11	1	M	$0.67 per day.
July 1846	11	2	M	.75 " "
	11	1	M	.80 " "
	11	2	M	.83 " "
	11	2	M	1.00 " "
Average	11	7	M	.85 " "
Jan. 1847	11	1	M	.80 " "
	11	1	M	.83 " "
Average	11	2	M	.81½ " "
July 1847	11	1	M	.67 " "
	11	2	M	.75 " "
	11	1	M	.80 " "
	11	1	M	.92 " "
	11	1	M	1.00 " "
Average	11	6	M	.81½ " "
Jan. 1848	10	1	M	.80 " "
	10	2	M	.83 " "
	10	1	M	.92 " "
	10	1	M	1.00 " "
Average	10	5	M	.87½ " "
July 1848	10	2	M	.80 " "
	10	1	M	.83 " "
	10	1	M	.92 " "
	10	2	M	1.00 " "
Average	10	6	M	.89 " "
Jan. 1849	10	2	M	.80 " "
	10	1	M	1.00 " "
	10	1	M	1.08 " "
Average	10	4	M	.92 " "
July 1849	10	1	M	.80 " "
	10	1	M	1.00 " "
	10	1	M	1.08 " "
	10	1	M	1.17 " "
Average	10	4	M	1.01½ " "
Jan. 1850	10	1	M	.80 " "
	10	1	M	1.00 " "
Average	10	2	M	.90 " "
July 1850	10	1	M	.80 " "
	10	1	M	1.00 " "
Average	10	2	M	.90 " "
Jan. 1851	10	1	M	.80 " "
	10	1	M	.92 " "
	10	1	M	1.00 " "
Average	10	3	M	.90½ " "
July 1851	10	1	M	.80 " "
	10	1	M	1.00 " "
Average	10	2	M	.90 " "
Jan. 1852	10	1	M	.80 " "
	10	1	M	.92 " "
	10	1	M	1.00 " "
Average	10	3	M	.90½ " "
July 1852	10	1	M	$0.80 per day.
	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	3	M	1.01½ " "
Jan. 1853	10	2	M	.80 " "
	10	3	M	1.00 " "
Average	10	5	M	.92 " "
July 1853	10	1	M	.80 " "
	10	1	M	.83 " "
	10	1	M	1.00 " "
Average	10	3	M	.87½ " "
Jan. 1854	10	1	M	.83 " "
	10	1	M	.92 " "
	10	2	M	1.00 " "
Average	10	4	M	.93½ " "
July 1854	10	2	M	.92 " "
	10	2	M	1.00 " "
Average	10	4	M	.96 " "
July 1855	10	1	M	.83 " "
	10	2	M	1.00 " "
Average	10	3	M	.94½ " "
Jan. 1856	10	1	M	1.00 " "
July 1856	10	1	M	1.00 " "
	10	1	M	1.17 " "
	10	1	M	1.33 " "
Average	10	3	M	1.16½ " "
Jan. 1857	10	1	M	1.00 " "
	10	1	M	1.17 " "
	10	1	M	1.25 " "
Average	10	3	M	1.14 " "
July 1857	10	1	M	.83 " "
	10	1	M	1.00 " "
	10	2	M	1.25 " "
Average	10	4	M	1.08½ " "
Jan. 1858	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	2	M	1.12½ " "
July 1858	10	1	M	.92 " "
Jan. 1859	10	1	M	.92 " "
	10	1	M	1.17 " "
Average	10	2	M	1.04½ " "
July 1859	10	1	M	.92 " "
	10	1	M	1.00 " "
	10	1	M	1.17 " "
Average	10	3	M	1.03 " "
Jan. 1860	10	1	M	1.00 " "
	10	1	M	1.17 " "
	10	1	M	1.25 " "
Average	10	3	M	1.14 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1860	10	1	M	$1.00 per day.
	10	1	M	1.17 " "
	10	3	M	1.25 " "
Average	10	5	M	1.18½ " "
Jan. 1861	10	1	M	1.00 " "
July 1861	10	1	M	1.00 " "
Jan. 1862	10	1	M	1.00 " "
July 1862	10	2	M	1.00 " "
	10	1	M	1.33 " "
Average	10	3	M	1.11 " "
Jan. 1863	10	2	M	1.00 " "
	10	1	M	1.42 " "
Average	10	3	M	1.14 " "
July 1863	10	3	M	1.00 " "
	10	1	M	1.67 " "
Average	10	4	M	1.16½ " "
Jan. 1864	10	1	M	1.00 " "
	10	1	M	1.67 " "
Average	10	2	M	1.33½ " "
July 1864	10	1	M	1.25 " "
Jan. 1865	10	1	M	.92 " "
July 1865	10	1	M	.92 " "
Jan. 1866	10	1	M	1.25 " "
	10	1	M	1.33 " "
	10	2	M	1.42 " "
	10	1	M	1.50 " "
Average	10	5	M	1.38½ " "
July 1866	10	1	M	1.42 " "
	10	3	M	1.50 " "
Average	10	4	M	1.48 " "
Jan. 1867	10	1	M	1.42 " "
	10	2	M	1.50 " "
Average	10	3	M	1.47½ " "
July 1867	10	1	M	1.42 " "
	10	2	M	1.50 " "
Average	10	3	M	1.47½ " "
Jan. 1868	10	2	M	1.33 " "
July 1868	10	3	M	1.33 " "
Jan. 1869	10	3	M	1.33 " "
July 1869	10	5	M	1.50 " "
Jan. 1870	10	1	M	1.58 " "
July 1870	10	1	M	1.33 " "
	10	2	M	1.50 " "
	10	1	M	1.58 " "
Average	10	4	M	1.47½ " "
Jan. 1871	10	1	M	1.33 " "
	10	2	M	1.50 " "
	10	1	M	1.58 " "
Average	10	4	M	1.47½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1871	10	1	M	$1.33 per day.
	10	2	M	1.50 " "
	10	1	M	1.58 " "
Average	10	4	M	1.47½ " "
Jan. 1872	10	1	M	1.33 " "
	10	1	M	1.58 " "
Average	10	2	M	1.45½ " "
July 1872	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	4	M	1.50 " "
	10	1	M	1.58 " "
Average	10	8	M	1.38½ " "
Jan. 1873	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	4	M	1.50 " "
	10	1	M	1.58 " "
Average	10	8	M	1.38½ " "
July 1873	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	4	M	1.50 " "
	10	1	M	1.58 " "
Average	10	7	M	1.40½ " "
Jan. 1874	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.58 " "
Average	10	4	M	1.45½ " "
July 1874	10	3	M	1.50 " "
	10	1	M	1.58 " "
Average	10	4	M	1.52 " "
Jan. 1875	10	1	M	1.50 " "
July 1875	10	1	M	1.33 " "
	10	2	M	1.50 " "
Average	10	3	M	1.44½ " "
July 1876	10	1	M	1.50 " "
Jan. 1879	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	4	M	1.25 " "
Average	10	6	M	1.19 " "
July 1879	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	4	M	1.25 " "
Average	10	6	M	1.19 " "
Jan. 1880	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	3	M	1.25 " "
Average	10	5	M	1.18 " "
July 1880	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	4	M	1.25 " "
Average	10	6	M	1.19 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

LABORERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881	10	1	M	$1.15 per day.
	10	2	M	1.25 " "
	10	1	M	1.30 " "
Average	10	4	M	1.23½ " "
July 1881	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	3	M	1.25 " "
	10	1	M	1.30 " "
Average	10	6	M	1.20 " "
Jan. 1882	10	1	M	1.15 " "
	10	3	M	1.25 " "
	10	1	M	1.30 " "
Average	10	5	M	1.24 " "
July 1882	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	3	M	1.25 " "
	10	1	M	1.30 " "
Average	10	6	M	1.20 " "
Jan. 1883	10	1	M	1.00 " "
	10	1	M	1.20 " "
	10	3	M	1.25 " "
	10	1	M	1.30 " "
Average	10	6	M	1.21 " "
July 1883	10	1	M	1.00 " "
	10	1	M	1.20 " "
	10	3	M	1.25 " "
	10	1	M	1.30 " "
Average	10	6	M	1.21 " "
Jan. 1884	10	1	M	1.00 " "
	10	1	M	1.20 " "
	10	2	M	1.25 " "
	10	1	M	1.30 " "
Average	10	5	M	1.20 " "
July 1884	10	1	M	1.00 " "
	10	1	M	1.20 " "
	10	1	M	1.25 " "
	10	1	M	1.30 " "
Average	10	4	M	1.18½ " "
Jan. 1885	10	1	M	1.15 " "
	10	1	M	1.20 " "
	10	1	M	1.25 " "
	10	1	M	1.35 " "
Average	10	4	M	1.23½ " "
July 1885	10	1	M	1.15 " "
	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
Average	10	4	M	1.26½ " "
Jan. 1886	10	1	M	$1.20 per day.
	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
Average	10	4	M	1.27½ " "
July 1886	10	1	M	1.20 " "
	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.40 " "
Average	10	4	M	1.28½ " "
Jan. 1887	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.40 " "
Average	10	4	M	1.30 " "
July 1887	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.45 " "
Average	10	4	M	1.31½ " "
Jan. 1888	10	3	M	1.25 " "
	10	1	M	1.45 " "
Average	10	4	M	1.30 " "
July 1888	10	3	M	1.25 " "
	10	1	M	1.50 " "
Average	10	4	M	1.31½ " "
Jan. 1889	10	1	M	1.25 " "
	10	2	M	1.50 " "
Average	10	3	M	1.41½ " "
July 1889	10	2	M	1.25 " "
	10	1	M	1.33 " "
	10	1	M	1.50 " "
Average	10	4	M	1.33½ " "
Jan. 1890	10	1	M	1.00 " "
	10	3	M	1.25 " "
	10	1	M	1.50 " "
Average	10	5	M	1.25 " "
July 1890	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33½ " "
Jan. 1891	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	4	M	1.25 " "
July 1891	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1845	11	7	M	$1.00 per day.
	11	2	M	1.17 " "
	11	8	M	1.25 " "
	11	2	M	1.42 " "
	11	3	M	1.50 " "
	11	1	M	2.00 " "
Average	11	23	M	1.24½ " "
July 1845	11	6	M	1.00 " "
	11	2	M	1.17 " "
	11	8	M	1.25 " "
	11	2	M	1.42 " "
	11	3	M	1.50 " "
	11	1	M	2.00 " "
Average	11	22	M	1.26 " "
Jan. 1846	11	5	M	1.00 " "
	11	2	M	1.08 " "
	11	2	M	1.17 " "
	11	6	M	1.25 " "
	11	2	M	1.33 " "
	11	2	M	1.42 " "
	11	5	M	1.50 " "
	11	1	M	2.00 " "
Average	11	25	M	1.28 " "
July 1846	11	5	M	1.00 " "
	11	1	M	1.17 " "
	11	4	M	1.25 " "
	11	5	M	1.33 " "
	11	1	M	1.42 " "
	11	5	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	2.00 " "
	11	1	M	2.08 " "
Average	11	24	M	1.35½ " "
Jan. 1847	11	3	M	1.00 " "
	11	1	M	1.08 " "
	11	5	M	1.25 " "
	11	2	M	1.33 " "
	11	1	M	1.42 " "
	11	4	M	1.50 " "
	11	1	M	1.67 " "
	11	1	M	1.75 " "
	11	1	M	2.08 " "
Average	11	19	M	1.36½ " "
July 1847	11	5	M	1.00 " "
	11	1	M	1.17 " "
	11	3	M	1.25 " "
	11	5	M	1.33 " "
	11	2	M	1.42 " "
	11	2	M	1.50 " "
	11	3	M	1.58 " "
	11	2	M	1.67 " "
	11	1	M	2.00 " "
	11	1	M	2.08 " "
Average	11	25	M	1.38½ " "
Jan. 1848	10	2	M	1.00 " "
	10	2	M	1.08 " "
	10	7	M	1.17 " "
	10	5	M	1.25 " "
	10	4	M	1.33 " "
	10	4	M	1.42 " "
	10	3	M	1.67 " "
	10	2	M	1.83 " "
	10	1	M	2.08 " "
Average	10	30	M	1.34½ " "
July 1848	10	2	M	$1.00 per day.
	10	1	M	1.08 " "
	10	6	M	1.17 " "
	10	4	M	1.25 " "
	10	4	M	1.33 " "
	10	1	M	1.42 " "
	10	3	M	1.50 " "
	10	2	M	1.67 " "
	10	1	M	1.75 " "
	10	2	M	1.83 " "
	10	1	M	2.08 " "
Average	10	27	M	1.37½ " "
Jan. 1849	10	2	M	1.00 " "
	10	5	M	1.17 " "
	10	2	M	1.25 " "
	10	4	M	1.33 " "
	10	1	M	1.42 " "
	10	2	M	1.50 " "
	10	2	M	1.67 " "
	10	2	M	1.83 " "
	10	1	M	2.08 " "
Average	10	21	M	1.39 " "
July 1849	10	4	M	1.00 " "
	10	4	M	1.17 " "
	10	1	M	1.25 " "
	10	2	M	1.33 " "
	10	1	M	1.42 " "
	10	6	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.83 " "
	10	1	M	2.50 " "
Average	10	21	M	1.37½ " "
Jan. 1850	10	2	M	1.00 " "
	10	3	M	1.17 " "
	10	2	M	1.25 " "
	10	3	M	1.33 " "
	10	1	M	1.42 " "
	10	8	M	1.50 " "
	10	1	M	1.83 " "
	10	1	M	2.50 " "
Average	10	21	M	1.41½ " "
July 1850	10	3	M	1.00 " "
	10	2	M	1.17 " "
	10	1	M	1.25 " "
	10	2	M	1.33 " "
	10	1	M	1.42 " "
	10	7	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.83 " "
	10	1	M	2.50 " "
Average	10	19	M	1.42½ " "
Jan. 1851	10	3	M	1.00 " "
	10	2	M	1.17 " "
	10	5	M	1.25 " "
	10	3	M	1.33 " "
	10	1	M	1.42 " "
	10	11	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.83 " "
	10	1	M	2.50 " "
Average	10	28	M	1.41½ " "
July 1851	10	2	M	1.17 " "
	10	2	M	1.25 " "
	10	4	M	1.33 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1851–conc'd.	10	10	M	$1.50 per day.
	10	4	M	1.67 " "
	10	1	M	1.83 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	25	M	1.52½ " "
Jan. 1852	10	2	M	1.17 " "
	10	1	M	1.25 " "
	10	5	M	1.33 " "
	10	10	M	1.50 " "
	10	1	M	1.58 " "
	10	3	M	1.67 " "
	10	2	M	1.75 " "
	10	1	M	1.83 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	27	M	1.54½ " "
July 1852	10	1	M	1.17 " "
	10	2	M	1.25 " "
	10	2	M	1.33 " "
	10	1	M	1.42 " "
	10	8	M	1.50 " "
	10	2	M	1.58 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
	10	1	M	1.83 " "
Average	10	19	M	1.48 " "
Jan. 1853	10	1	M	1.00 " "
	10	4	M	1.17 " "
	10	3	M	1.25 " "
	10	5	M	1.33 " "
	10	4	M	1.42 " "
	10	7	M	1.50 " "
	10	3	M	1.58 " "
	10	2	M	1.67 " "
	10	1	M	1.75 " "
Average	10	30	M	1.40⅝ " "
July 1853	10	2	M	1.00 " "
	10	2	M	1.17 " "
	10	2	M	1.25 " "
	10	4	M	1.42 " "
	10	10	M	1.50 " "
	10	3	M	1.58 " "
	10	5	M	1.67 " "
	10	1	M	2.00 " "
Average	10	29	M	1.47 " "
Jan. 1854	10	3	M	1.17 " "
	10	1	M	1.25 " "
	10	1	M	1.33 " "
	10	1	M	1.42 " "
	10	4	M	1.50 " "
	10	5	M	1.58 " "
	10	6	M	1.67 " "
Average	10	21	M	1.49½ " "
July 1854	10	2	M	1.17 " "
	10	2	M	1.25 " "
	10	1	M	1.38 " "
	10	2	M	1.42 " "
	10	2	M	1.50 " "
	10	6	M	1.58 " "
	10	3	M	1.67 " "
	10	1	M	1.75 " "
July 1854–conc'd.	10	1	M	$1.91 per day.
	10	1	M	2.50 " "
Average	10	21	M	1.56 " "
Jan. 1855	10	2	M	1.00 " "
	10	2	M	1.17 " "
	10	1	M	1.25 " "
	10	2	M	1.33 " "
	10	3	M	1.42 " "
	10	4	M	1.50 " "
	10	3	M	1.58 " "
	10	1	M	1.67 " "
	10	4	M	1.75 " "
Average	10	22	M	1.45 " "
July 1855	10	3	M	1.17 " "
	10	2	M	1.25 " "
	10	3	M	1.33 " "
	10	1	M	1.42 " "
	10	3	M	1.50 " "
	10	2	M	1.58 " "
	10	1	M	1.67 " "
	10	2	M	1.75 " "
	10	1	M	1.83 " "
Average	10	18	M	1.45 " "
Jan. 1856	10	2	M	1.17 " "
	10	1	M	1.25 " "
	10	3	M	1.33 " "
	10	1	M	1.42 " "
	10	4	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.67 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	16	M	1.48½ " "
July 1856	10	1	M	1.25 " "
	10	4	M	1.33 " "
	10	2	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.67 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	12	M	1.52½ " "
Jan. 1857	10	2	M	1.25 " "
	10	4	M	1.33 " "
	10	1	M	1.42 " "
	10	3	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	14	M	1.48 " "
July 1857	10	1	M	1.17 " "
	10	2	M	1.25 " "
	10	2	M	1.33 " "
	10	2	M	1.42 " "
	10	7	M	1.50 " "
	10	1	M	1.58 " "
	10	2	M	1.67 " "
	10	1	M	1.91 " "
	10	1	M	2.00 " "
Average	10	19	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1858	10	1	M	$1.00 per day.
	10	2	M	1.17 " "
	10	2	M	1.25 " "
	10	2	M	1.33 " "
	10	3	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	1.91 " "
Average	10	13	M	1.41½ " "
July 1858	10	1	M	1.08 " "
	10	2	M	1.17 " "
	10	3	M	1.25 " "
	10	3	M	1.33 " "
	10	2	M	1.42 " "
	10	1	M	1.58 " "
	10	1	M	1.67 " "
Average	10	13	M	1.32½ " "
Jan. 1859	10	1	M	1.00 " "
	10	1	M	1.08 " "
	10	3	M	1.25 " "
	10	4	M	1.42 " "
	10	1	M	1.58 " "
	10	1	M	1.67 " "
Average	10	11	M	1.34 " "
July 1859	10	1	M	1.00 " "
	10	1	M	1.17 " "
	10	2	M	1.42 " "
	10	1	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	9	M	1.50 " "
Jan. 1860	10	1	M	1.17 " "
	10	2	M	1.25 " "
	10	3	M	1.33 " "
	10	3	M	1.42 " "
	10	3	M	1.50 " "
	10	4	M	1.58 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	19	M	1.48 " "
July 1860	10	6	M	1.33 " "
	10	2	M	1.42 " "
	10	5	M	1.50 " "
	10	5	M	1.58 " "
	10	2	M	1.67 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	23	M	1.52½ " "
Jan. 1861	10	1	M	1.33 " "
	10	3	M	1.42 " "
	10	3	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
Average	10	10	M	1.51 " "
July 1861	10	1	M	1.33 " "
	10	1	M	1.42 " "
	10	2	M	1.50 " "
	10	2	M	1.75 " "
Average	10	6	M	1.54 " "
Jan. 1862	10	1	M	$1.25 per day.
	10	4	M	1.33 " "
	10	1	M	1.42 " "
	10	2	M	1.58 " "
	10	3	M	1.75 " "
	10	1	M	1.83 " "
	10	1	M	2.00 " "
Average	10	13	M	1.55½ " "
July 1862	10	1	M	1.17 " "
	10	4	M	1.33 " "
	10	2	M	1.42 " "
	10	2	M	1.50 " "
	10	2	M	1.58 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
	10	2	M	1.83 " "
	10	1	M	2.00 " "
Average	10	16	M	1.53½ " "
Jan. 1863	10	1	M	1.33 " "
	10	2	M	1.50 " "
	10	3	M	1.58 " "
	10	4	M	1.67 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	12	M	1.62½ " "
July 1863	10	1	M	1.42 " "
	10	2	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.67 " "
	10	2	M	1.75 " "
	10	4	M	1.83 " "
	10	1	M	2.17 " "
Average	10	12	M	1.72 " "
Jan. 1864	10	1	M	1.42 " "
	10	3	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.75 " "
	10	2	M	1.83 " "
	10	2	M	1.91 " "
	10	2	M	2.00 " "
Average	10	12	M	1.72½ " "
July 1864	10	1	M	1.50 " "
	10	1	M	1.58 " "
	10	1	M	1.67 " "
	10	2	M	1.75 " "
	10	1	M	1.83 " "
	10	1	M	1.91 " "
	10	2	M	2.00 " "
	10	2	M	2.17 " "
Average	10	11	M	1.85 " "
Jan. 1865	10	1	M	1.00 " "
	10	1	M	1.58 " "
	10	1	M	1.83 " "
	10	3	M	2.00 " "
	10	3	M	2.25 " "
	10	2	M	2.33 " "
Average	10	11	M	1.98½ " "
July 1865	10	1	M	1.00 " "
	10	1	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
	10	1	M	1.88 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1865–	10	2	M	$1.91 per day.
conc'd.	10	5	M	2.00 " "
Average	10	12	M	1.80 " "
Jan. 1866	10	1	M	1.58 " "
	10	3	M	2.00 " "
	10	1	M	2.17 " "
	10	3	M	2.25 " "
	10	1	M	2.33 " "
	10	1	M	2.50 " "
Average	10	10	M	2.13½ " "
July 1866	10	2	M	1.00 " "
	10	1	M	1.58 " "
	10	2	M	2.17 " "
	10	4	M	2.25 " "
	10	1	M	2.33 " "
	10	2	M	2.50 " "
Average	10	12	M	2.02 " "
Jan. 1867	10	2	M	1.00 " "
	10	1	M	1.58 " "
	10	1	M	2.25 " "
	10	2	M	2.33 " "
	10	3	M	2.50 " "
Average	10	9	M	2.00 " "
July 1867	10	2	M	1.00 " "
	10	1	M	2.25 " "
	10	1	M	2.33 " "
	10	3	M	2.50 " "
Average	10	7	M	2.01 " "
Jan. 1868	10	2	M	1.00 " "
	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
Average	10	8	M	1.90½ " "
July 1868	10	2	M	1.00 " "
	10	1	M	1.75 " "
	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	4	M	2.50 " "
Average	10	12	M	2.04 " "
Jan. 1869	10	7	M	2.25 " "
	10	1	M	2.50 " "
Average	10	8	M	2.28 " "
July 1869	10	3	M	2.00 " "
	10	1	M	2.08 " "
	10	4	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.58 " "
Average	10	12	M	2.26½ " "
Jan. 1870	10	2	M	2.25 " "
	10	4	M	2.50 " "
Average	10	6	M	2.41½ " "
July 1870	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	3	M	2.25 " "
July 1870–	10	1	M	$2.42 per day.
conc'd.	10	3	M	2.50 " "
Average	10	9	M	2.27 " "
Jan. 1871	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.42 " "
	10	2	M	2.50 " "
Average	10	7	M	2.27½ " "
July 1871	10	1	M	2.00 " "
	10	1	M	2.17 " "
	10	3	M	2.25 " "
	10	1	M	2.42 " "
	10	1	M	2.50 " "
Average	10	7	M	2.26½ " "
Jan. 1872	10	1	M	1.50 " "
	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
Average	10	7	M	2.10⅞ " "
July 1872	10	1	M	1.00 " "
	10	2	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	3	M	2.50 " "
Average	10	11	M	1.95½ " "
Jan. 1873	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.08 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	6	M	2.01½ " "
July 1873	10	1	M	1.50 " "
	10	2	M	2.00 " "
	10	1	M	2.08 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	6	M	2.05½ " "
Jan. 1874	10	1	M	1.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	4	M	2.12½ " "
July 1874	10	1	M	1.00 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	7	M	2.00 " "
Jan. 1875	10	1	M	1.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	3	M	1.91½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10	1	M	$1.00 per day.
	10	2	M	1.50 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	5	M	1.75 " "
Jan. 1876	10	2	M	1.00 " "
July 1876	10	1	M	1.00 " "
	10	1	M	2.25 " "
Average	10	2	M	1.62½ " "
Jan. 1879	10	1	M	1.38 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	4	M	1.57 " "
July 1879	10	1	M	1.38 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	4	M	1.57 " "
Jan. 1880	10	2	M	1.40 " "
	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	4	M	1.57½ " "
July 1880	10	1	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	4	M	1.58½ " "
Jan. 1881	10	1	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
	10	1	M	2.00 " "
Average	10	4	M	1.58½ " "
July 1881	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	4	M	1.60 " "
Jan. 1882	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	4	M	1.60 " "
July 1882	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	4	M	1.60 " "
Jan. 1883	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	4	M	1.60 " "
July 1883	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	4	M	1.60 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884	10	1	M	$1.30 per day.
	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	1	M	2.00 " "
	10	1	M	2.33 " "
Average	10	6	M	1.67 " "
July 1884	10	2	M	1.30 " "
	10	1	M	1.45 " "
	10	1	M	1.50 " "
	10	1	M	2.00 " "
	10	1	M	2.33 " "
Average	10	6	M	1.64½ " "
Jan. 1885	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.50 " "
	10	1	M	2.25 " "
	10	1	M	2.33 " "
Average	10	6	M	1.70½ " "
July 1885	10	1	M	1.35 " "
	10	1	M	1.40 " "
	10	2	M	1.58 " "
	10	1	M	2.25 " "
	10	1	M	2.33 " "
Average	10	6	M	1.75 " "
Jan. 1886	10	1	M	1.40 " "
	10	1	M	1.45 " "
	10	2	M	1.58 " "
	10	1	M	2.33 " "
Average	10	5	M	1.67 " "
July 1886	10	2	M	1.45 " "
	10	2	M	1.58 " "
	10	1	M	2.25 " "
	10	1	M	2.40 " "
Average	10	6	M	1.78½ " "
Jan. 1887	10	1	M	1.45 " "
	10	1	M	1.50 " "
	10	2	M	1.58 " "
	10	1	M	2.25 " "
	10	1	M	2.40 " "
Average	10	6	M	1.79½ " "
July 1887	10	1	M	1.45 " "
	10	1	M	1.50 " "
	10	2	M	1.58 " "
	10	1	M	2.45 " "
Average	10	5	M	1.71 " "
Jan. 1888	10	1	M	1.33 " "
	10	1	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
Average	10	4	M	1.56½ " "
July 1888	10	1	M	1.33 " "
	10	1	M	1.50 " "
	10	1	M	1.67 " "
	10	1	M	1.75 " "
Average	10	4	M	1.56½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1889	10	1	M	$1.50 per day.	July 1890	10	3	M	$1.50 per day.
	10	1	M	1.58 " "		10	1	M	1.58 " "
	10	1	M	1.67 " "		10	1	M	1.67 " "
	10	1	M	1.75 " "		10	4	M	2.00 " "
Average	10	4	M	1.62½ " "	Average	10	9	M	1.75 " "
July 1889	10	2	M	1.50 " "	Jan. 1891	10	2	M	1.50 " "
	10	1	M	1.58 " "		10	1	M	1.58 " "
	10	2	M	1.83 " "		10	1	M	1.75 " "
	10	1	M	2.00 " "		10	3	M	2.00 " "
Average	10	6	M	1.70½ " "	Average	10	7	M	1.76 " "
Jan. 1890	10	4	M	1.50 " "	July 1891	10	1	M	1.50 " "
	10	2	M	1.58 " "		10	2	M	2.00 " "
	10	4	M	2.00 " "	Average	10	3	M	1.83⅓ " "
Average	10	10	M	1.71½ " "					

MACHINISTS' APPRENTICES.

Jan. 1845	11	4	M	.33 per day.	Jan. 1847-conc'd.	11	1	M	.75 per day.
	11	1	M	.34 " "		11	6	M	.83 " "
	11	5	M	.42 " "	Average	11	21	M	.60 " "
	11	2	M	.50 " "	July 1847	11	6	M	.42 " "
	11	3	M	.58 " "		11	3	M	.50 " "
	11	5	M	.67 " "		11	1	M	.58 " "
	11	4	M	.75 " "		11	1	M	.75 " "
	11	1	M	.83 " "		11	3	M	.83 " "
Average	11	25	M	.54½ " "	Average	11	14	M	.56 " "
July 1845	11	4	M	.33 " "	Jan. 1848	10	6	M	.42 " "
	11	1	M	.34 " "		10	6	M	.50 " "
	11	5	M	.42 " "		10	3	M	.83 " "
	11	2	M	.50 " "	Average	10	15	M	.53½ " "
	11	3	M	.58 " "	July 1848	10	6	M	.42 " "
	11	5	M	.67 " "		10	6	M	.50 " "
	11	4	M	.75 " "		10	1	M	.58 " "
	11	1	M	.83 " "		10	2	M	.83 " "
Average	11	25	M	.54½ " "	Average	10	15	M	.51½ " "
Jan. 1846	11	1	M	.34 " "	Jan. 1849	10	3	M	.42 " "
	11	1	M	.42 " "		10	6	M	.50 " "
	11	2	M	.45 " "		10	3	M	.58 " "
	11	8	M	.50 " "		10	1	M	.83 " "
	11	5	M	.58 " "	Average	10	13	M	.52½ " "
	11	7	M	.67 " "	July 1849	10	1	M	.42 " "
	11	4	M	.75 " "		10	5	M	.50 " "
	11	4	M	.83 " "		10	2	M	.58 " "
	11	1	M	.92 " "		10	1	M	.92 " "
Average	11	33	M	.62 " "	Average	10	9	M	.55½ " "
July 1846	11	1	M	.34 " "	Jan. 1850	10	2	M	.42 " "
	11	8	M	.45 " "		10	3	M	.50 " "
	11	5	M	.50 " "		10	3	M	.58 " "
	11	1	M	.53 " "		10	2	M	.67 " "
	11	2	M	.58 " "		10	1	M	.92 " "
	11	1	M	.67 " "	Average	10	11	M	.57½ " "
	11	3	M	.75 " "					
	11	7	M	.83 " "					
Average	11	28	M	.60 " "					
Jan. 1847	11	1	M	.34 " "					
	11	9	M	.45 " "					
	11	2	M	.58 " "					
	11	2	M	.67 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1850	10	1	M	$0.42 per day.
	10	3	M	.50 " "
	10	3	M	.58 " "
	10	1	M	.67 " "
	10	1	M	.83 " "
	10	1	M	.92 " "
Average	10	10	M	.61 " "
Jan. 1851	10	4	M	.42 " "
	10	1	M	.43 " "
	10	3	M	.50 " "
	10	1	M	.58 " "
	10	1	M	.83 " "
Average	10	10	M	.50 " "
July 1851	10	2	M	.42 " "
	10	4	M	.50 " "
	10	2	M	.58 " "
Average	10	8	M	.50 " "
Jan. 1852	10	4	M	.42 " "
	10	4	M	.50 " "
	10	3	M	.58 " "
	10	2	M	.92 " "
Average	10	13	M	.56 " "
July 1852	10	4	M	.42 " "
	10	3	M	.50 " "
	10	2	M	.58 " "
	10	1	M	.67 " "
	10	1	M	.83 " "
	10	1	M	.92 " "
Average	10	12	M	.56½ " "
Jan. 1853	10	7	M	.42 " "
	10	3	M	.50 " "
	10	3	M	.58 " "
	10	2	M	.67 " "
Average	10	15	M	.50 " "
July 1853	10	5	M	.42 " "
	10	4	M	.50 " "
	10	2	M	.58 " "
Average	10	11	M	.48 " "
Jan. 1854	10	7	M	.42 " "
	10	2	M	.50 " "
	10	3	M	.58 " "
	10	2	M	.67 " "
	10	1	M	.75 " "
Average	10	15	M	.52 " "
July 1854	10	6	M	.42 " "
	10	5	M	.50 " "
	10	3	M	.58 " "
	10	1	M	.67 " "
	10	1	M	.75 " "
Average	10	16	M	.51 " "
Jan. 1855	10	3	M	.42 " "
	10	7	M	.50 " "
	10	2	M	.58 " "
	10	1	M	.75 " "
Average	10	13	M	.51½ " "
July 1855	10	7	M	$0.50 per day.
	10	2	M	.58 " "
Average	10	9	M	.52 " "
Jan. 1856	10	3	M	.50 " "
	10	7	M	.58 " "
Average	10	10	M	.55½ " "
July 1856	10	1	M	.50 " "
	10	4	M	.58 " "
	10	1	M	.75 " "
Average	10	6	M	.59½ " "
Jan. 1857	10	2	M	.50 " "
	10	3	M	.58 " "
	10	2	M	.75 " "
Average	10	7	M	.60½ " "
July 1857	10	6	M	.50 " "
	10	3	M	.58 " "
	10	1	M	.75 " "
Average	10	10	M	.55 " "
Jan. 1858	10	2	M	.50 " "
	10	2	M	.58 " "
Average	10	4	M	.54 " "
July 1858	10	3	M	.58 " "
	10	1	M	.75 " "
Average	10	4	M	.62½ " "
Jan. 1859	10	1	M	.50 " "
	10	2	M	.58 " "
	10	2	M	.75 " "
Average	10	5	M	.63 " "
July 1859	10	1	M	.42 " "
	10	3	M	.50 " "
	10	1	M	.75 " "
Average	10	5	M	.53½ " "
Jan. 1860	10	2	M	.42 " "
	10	2	M	.50 " "
	10	1	M	.58 " "
Average	10	5	M	.48½ " "
July 1860	10	2	M	.42 " "
	10	3	M	.58 " "
Average	10	5	M	.51½ " "
Jan. 1861	10	4	M	.42 " "
	10	2	M	.50 " "
	10	2	M	.58 " "
Average	10	8	M	.48 " "
July 1861	10	3	M	.50 " "
	10	2	M	.75 " "
Average	10	5	M	.60 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1862	10	2	M	$0.50 per day.
	10	3	M	.75 " "
Average	10	5	M	.65 " "
July 1862	10	2	M	.42 " "
	10	1	M	.50 " "
Average	10	3	M	.44½ " "
Jan. 1863	10	2	M	.42 " "
	10	2	M	.58 " "
	10	1	M	.75 " "
Average	10	5	M	.55 " "
July 1863	10	2	M	.50 " "
	10	1	M	.58 " "
Average	10	3	M	.52½ " "
Jan. 1864	10	3	M	.50 " "
	10	1	M	.58 " "
	10	1	M	.69 " "
Average	10	5	M	.55½ " "
July 1864	10	1	M	.50 " "
	10	1	M	.63 " "
	10	2	M	.71 " "
	10	1	M	.81 " "
Average	10	5	M	.67 " "
Jan. 1865	10	1	M	.72 " "
	10	1	M	.80 " "
	10	1	M	.89 " "
Average	10	3	M	.80½ " "
July 1865	10	3	M	.80 " "
	10	1	M	.89 " "
Average	10	4	M	.82½ " "
Jan. 1866	10	5	M	.72 " "
	10	1	M	.75 " "
	10	4	M	.80 " "
Average	10	10	M	.75½ " "
July 1866	10	5	M	.72 " "
	10	2	M	.80 " "
	10	2	M	.89 " "
Average	10	9	M	.77½ " "
Jan. 1867	10	4	M	.72 " "
	10	4	M	.80 " "
	10	3	M	.89 " "
Average	10	11	M	.79½ " "
July 1867	10	3	M	.72 " "
	10	4	M	.80 " "
	10	1	M	.89 " "
Average	10	8	M	.78 " "
Jan. 1868	10	5	M	.80 " "
	10	1	M	.89 " "
Average	10	6	M	.81½ " "
July 1868	10	2	M	$0.62 per day.
	10	2	M	.80 " "
	10	1	M	.89 " "
Average	10	5	M	.74½ " "
Jan. 1869	10	3	M	.62 " "
	10	2	M	.89 " "
Average	10	5	M	.73 " "
July 1869	10	3	M	.62 " "
	10	2	M	.70 " "
	10	2	M	.89 " "
Average	10	7	M	.72 " "
Jan. 1870	10	4	M	62 " "
	10	2	M	.70 " "
	10	1	M	80 " "
Average	10	7	M	.67 " "
July 1870	10	5	M	.62 " "
	10	1	M	.70 " "
	10	2	M	.78 " "
Average	10	8	M	.67 " "
Jan. 1871	10	3	M	.62 " "
	10	2	M	.70 " "
	10	2	M	.78 " "
Average	10	7	M	.69 " "
July 1871	10	3	M	.62 " "
	10	1	M	.67 " "
	10	2	M	.70 " "
	10	1	M	.78 " "
Average	10	7	M	.67½ " "
Jan. 1872	10	3	M	.62 " "
	10	1	M	.67 " "
	10	1	M	.70 " "
	10	2	M	.78 " "
Average	10	7	M	.68½ " "
July 1872	10	4	M	.62 " "
July 1873	10	1	M	.62 " "
Jan. 1874	10	2	M	.62 " "
July 1874	10	1	M	.62 " "
	10	2	M	.70 " "
Average	10	3	M	.67½ " "
Jan. 1875	10	1	M	.62 " "
	10	2	M	.70 " "
Average	10	3	M	.67½ " "
July 1875	10	2	M	.70 " "
	10	1	M	.78 " "
Average	10	3	M	.72½ " "
July 1876	10	1	M	.78 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MASTER MACHINISTS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1867	10	2	M	$3.00 per day.	Jan. 1883	10	1	M	$2.58 per day.
July 1867	10	2	M	3.00 " "		10	1	M	3.00 " "
Jan. 1868	10	1	M	3.00 " "		10	2	M	3.33 " "
July 1868	10	2	M	3.00 " "	Average	10	4	M	3.06 " "
Jan. 1869	10	2	M	3.00 " "	July 1883	10	1	M	2.58 " "
July 1869	10	1	M	3.00 " "		10	1	M	3.00 " "
Jan. 1870	10	1	M	3.00 " "		10	2	M	3.33 " "
July 1870	10	1	M	3.00 " "	Average	10	4	M	3.06 " "
Jan. 1871	10	1	M	3.00 " "	Jan. 1884	10	1	M	3.00 " "
July 1871	10	2	M	3.00 " "		10	2	M	3.33 " "
Jan. 1872	10	2	M	3.00 " "	Average	10	3	M	3.22 " "
July 1872	10	2	M	3.00 " "	July 1884	10	1	M	3.00 " "
Jan. 1873	10	2	M	3.00 " "		10	2	M	3.33 " "
July 1873	10	2	M	3.00 " "	Average	10	3	M	3.22 " "
Jan. 1874	10	2	M	3.00 " "	Jan. 1885	10	1	M	3.00 " "
July 1874	10	2	M	3.00 " "		10	1	M	3.25 " "
Jan. 1875	10	2	M	3.00 " "	Average	10	2	M	3.12½ " "
July 1875	10	2	M	3.00 " "	July 1885	10	1	M	3.15 " "
July 1876	10	1	M	3.00 " "		10	1	M	3.25 " "
Jan. 1879	10	2	M	2.50 " "	Average	10	2	M	3.20 " "
	10	2	M	3.33 " "	Jan. 1886	10	1	M	3.20 " "
Average	10	4	M	2.91½ " "		10	1	M	3.25 " "
July 1879	10	2	M	2.50 " "	Average	10	2	M	3.22½ " "
	10	2	M	3.33 " "	July 1886	10	1	M	3.15 " "
Average	10	4	M	2.91½ " "		10	1	M	3.20 " "
Jan. 1880	10	1	M	2.50 " "	Average	10	2	M	3.17½ " "
	10	1	M	2.58 " "	Jan. 1887	10	1	M	3.08 " "
	10	2	M	3.33 " "		10	1	M	3.20 " "
Average	10	4	M	2.93½ " "	Average	10	2	M	3.14 " "
July 1880	10	1	M	2.50 " "	July 1887	10	1	M	3.08 " "
	10	1	M	2.58 " "		10	1	M	3.15 " "
	10	2	M	3.33 " "	Average	10	2	M	3.11½ " "
Average	10	4	M	2.93½ " "	Jan. 1888	10	1	M	3.08 " "
Jan. 1881	10	1	M	2.50 " "	July 1888	10	1	M	3.08 " "
	10	1	M	2.58 " "	Jan. 1889	10	1	M	3.08 " "
	10	2	M	3.33 " "	July 1889	10	1	M	3.08 " "
Average	10	4	M	2.93½ " "	Jan. 1890	10	1	M	3.00 " "
July 1881	10	1	M	2.50 " "	July 1890	10	1	M	3.00 " "
	10	1	M	2.58 " "	Jan. 1891	10	1	M	3.00 " "
	10	2	M	3.33 " "	July 1891	10	1	M	3.00 " "
Average	10	4	M	2.93½ " "					
Jan. 1882	10	1	M	2.50 " "					
	10	1	M	2.58 " "					
	10	2	M	3.33 " "					
Average	10	4	M	2.93½ " "					
July 1882	10	1	M	2.58 " "					
	10	1	M	3.00 " "					
	10	2	M	3.33 " "					
Average	10	4	M	3.06 " "					

PATTERNMAKERS.

Jan. 1845	11	1	M	1.00 per day.	Jan. 1847	11	1	M	1.00 per day.
July 1845	11	1	M	1.00 " "		11	1	M	1.25 " "
Jan. 1846	11	1	M	1.08 " "	Average	11	2	M	1.12½ " "
July 1846	11	1	M	1.25 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Concluded.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1847	11	1	M	$1.08 per day.	Jan. 1856	10	1	M	$1.67 per day.
	11	1	M	1.17 " "	July 1856	10	1	M	1.67 " "
	11	1	M	1.33 " "					
					Jan. 1857	10	1	M	1.50 " "
Average	11	3	M	1.19½ " "		10	1	M	1.67 " "
					Average	10	2	M	1.58½ " "
Jan. 1848	10	1	M	1.17 " "					
	10	1	M	1.50 " "	July 1857	10	1	M	1.50 " "
						10	1	M	1.67 " "
Average	10	2	M	1.33½ " "	Average	10	2	M	1.58½ " "
July 1848	10	1	M	1.17 " "					
	10	1	M	1.50 " "	Jan. 1858	10	1	M	1.67 " "
					July 1858	10	1	M	1.42 " "
Average	10	2	M	1.33½ " "	Jan. 1859	10	1	M	1.42 " "
					July 1859	10	1	M	1.67 " "
Jan. 1849	10	1	M	1.17 " "	Jan. 1860	10	1	M	1.67 " "
	10	1	M	1.50 " "	July 1860	10	1	M	1.67 " "
					Jan. 1861	10	1	M	1.58 " "
Average	10	2	M	1.33½ " "	July 1861	10	1	M	1.58 " "
					July 1862	10	1	M	1.50 " "
July 1849	10	1	M	1.25 " "	July 1863	10	1	M	1.50 " "
Jan. 1850	10	2	M	1.25 " "	Jan. 1864	10	1	M	2.00 " "
July 1850	10	1	M	1.25 " "	July 1864	10	1	M	2.00 " "
Jan. 1851	10	1	M	1.25 " "	July 1865	10	1	M	2.00 " "
July 1851	10	1	M	1.33 " "	Jan. 1866	10	1	M	2.50 " "
					July 1866	10	1	M	3.00 " "
Jan. 1852	10	1	M	1.33 " "	Jan. 1867	10	1	M	3.00 " "
	10	1	M	1.75 " "	July 1867	10	1	M	3.00 " "
					Jan. 1868	10	1	M	3.00 " "
Average	10	2	M	1.54 " "	July 1868	10	1	M	3.00 " "
					Jan. 1869	10	1	M	3.00 " "
July 1852	10	1	M	1.75 " "	July 1869	10	1	M	3.00 " "
Jan. 1853	10	1	M	1.33 " "	Jan. 1870	10	1	M	3.00 " "
July 1853	10	1	M	1.50 " "	July 1870	10	1	M	3.00 " "
Jan. 1854	10	1	M	1.50 " "	Jan. 1871	10	1	M	3.00 " "
July 1854	10	1	M	1.67 " "	July 1871	10	1	M	3.00 " "
Jan. 1855	10	1	M	1.67 " "	Jan. 1872	10	1	M	3.00 " "
July 1855	10	1	M	1.67 " "					

WOODWORKERS.

July 1846	11	1	M	.83 per day.	July 1854	10	1	M	1.38 per day.
Jan. 1847	11	1	M	1.00 " "		10	1	M	1.50 " "
Jan. 1848	10	1	M	.83 " "					
July 1848	10	1	M	.92 " "	Average	10	2	M	1.44 " "
Jan. 1849	10	1	M	.92 " "					
July 1849	10	1	M	.92 " "	Jan. 1855	10	1	M	1.33 " "
Jan. 1850	10	1	M	.92 " "	July 1855	10	1	M	1.33 " "
July 1850	10	1	M	.92 " "	Jan. 1856	10	1	M	1.33 " "
Jan. 1851	10	1	M	.92 " "	July 1856	10	1	M	1.33 " "
					Jan. 1857	10	1	M	1.33 " "
July 1851	10	1	M	1.00 " "	July 1857	10	1	M	1.33 " "
	10	1	M	1.42 " "	Jan. 1858	10	1	M	1.33 " "
					July 1858	10	1	M	1.17 " "
Average	10	2	M	1.21 " "	Jan. 1859	10	1	M	1.17 " "
					July 1859	10	1	M	1.25 " "
Jan. 1852	10	1	M	1.00 " "					
July 1852	10	1	M	1.00 " "	Jan. 1860	10	1	M	1.25 " "
						10	1	M	1.50 " "
Jan. 1853	10	1	M	1.17 " "					
	10	1	M	1.50 " "	Average	10	2	M	1.37½ " "
Average	10	2	M	1.33½ " "	July 1860	10	1	M	1.50 " "
July 1853	10	1	M	1.25 " "	Jan. 1862	10	1	M	1.25 " "
	10	1	M	1.50 " "	July 1862	10	1	M	1.25 " "
					Jan. 1863	10	1	M	1.67 " "
Average	10	2	M	1.37½ " "	July 1863	10	1	M	1.83 " "
					Jan. 1864	10	1	M	1.50 " "
Jan. 1854	10	1	M	1.25 " "	July 1864	10	1	M	1.83 " "
	10	2	M	1.50 " "	Jan. 1865	10	1	M	2.25 " "
					Jan. 1866	10	1	M	2.17 " "
Average	10	3	M	1.41½ " "	July 1868	10	1	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE.

CARPENTERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	12	1	M	$2.25 per day.	Jan. 1882	12	1	M	$2.00 per day.
July 1872	12	1	M	2.25 " "	July 1882	12	1	M	2.00 " "
Jan. 1873	12	1	M	2.25 " "	Jan. 1883	12	1	M	2.00 " "
July 1873	12	1	M	2.25 " "	July 1883	12	1	M	2.00 " "
Jan. 1874	12	1	M	2.25 " "	Jan. 1884	12	1	M	2.00 " "
July 1874	12	1	M	2.25 " "	July 1884	12	1	M	2.00 " "
Jan. 1875	12	1	M	2.25 " "	Jan. 1885	12	1	M	2.00 " "
July 1875	12	1	M	2.25 " "	July 1885	12	1	M	2.00 " "
Jan. 1876	12	1	M	2.25 " "	Jan. 1886	12	1	M	2.00 " "
July 1876	12	1	M	2.25 " "	July 1886	12	1	M	2.00 " "
Jan. 1877	12	1	M	2.25 " "	Jan. 1887	10	1	M	2.00 " "
July 1877	12	1	M	2.25 " "	July 1887	10	1	M	2.00 " "
Jan. 1878	12	1	M	2.25 " "	Jan. 1888	10	1	M	2.00 " "
July 1878	12	1	M	2.25 " "	July 1888	10	1	M	2.00 " "
Jan. 1879	12	1	M	2.00 " "	Jan. 1889	10	1	M	2.00 " "
July 1879	12	1	M	2.00 " "	July 1889	10	1	M	2.00 " "
Jan. 1880	12	1	M	2.00 " "	Jan. 1890	10	1	M	2.00 " "
July 1880	12	1	M	2.00 " "	July 1890	10	1	M	2.00 " "
Jan. 1881	12	1	M	2.00 " "	Jan. 1891	10	1	M	2.00 " "
July 1881	12	1	M	2.00 " "	July 1891	10	1	M	2.25 " "

COREMAKERS.

Jan. 1872	12	2	M	.75 per day.	Jan. 1875	12	1	M	1.00 per day.
	12	1	M	1.00 " "		12	1	M	1.50 " "
	12	1	M	1.25 " "					
					Average	12	2	M	1.25 " "
Average	12	4	M	.93⅓ " "					
					July 1875	12	2	M	.75 " "
July 1872	12	1	M	.75 " "		12	1	M	1.50 " "
	12	1	M	1.25 " "					
	12	1	M	1.50 " "	Average	12	3	M	1.00 " "
Average	12	3	M	1.16⅔ " "	Jan. 1876	12	1	M	.75 " "
					Jan. 1877	12	1	M	.75 " "
Jan. 1873	12	1	M	1.00 " "	July 1877	12	1	M	.75 " "
	12	1	M	1.25 " "	Jan. 1878	12	1	M	.75 " "
	12	1	M	1.50 " "					
					July 1878	12	1	M	1.00 " "
Average	12	3	M	1.25 " "		12	1	M	2.00 " "
July 1873	12	2	M	.75 " "	Average	12	2	M	1.50 " "
	12	1	M	1.25 " "					
	12	1	M	1.50 " "	Jan. 1888	10	1	M	1.25 " "
						10	1	M	1.50 " "
Average	12	4	M	1.06½ " "					
					Average	10	2	M	1.37½ " "
Jan. 1874	12	1	M	1.37 " "	July 1888	10	1	M	1.25 " "
	12	1	M	1.50 " "		10	1	M	1.50 " "
					Average	10	2	M	1.37½ " "
Average	12	2	M	1.43¾ " "					
					Jan. 1889	10	1	M	1.50 " "
July 1874	12	1	M	.75 " "	July 1889	10	1	M	1.50 " "
	12	1	M	1.50 " "	Jan. 1890	10	1	M	1.50 " "
					July 1890	10	1	M	1.75 " "
Average	12	2	M	1.12½ " "	Jan. 1891	10	1	M	1.75 " "
					July 1891	10	1	M	1.75 " "

DRESSERS.

Jan. 1872	12	15	M	1.50 per day.	Jan. 1873	12	15	M	1.50 per day.
	12	2	M	1.62 " "		12	3	M	1.62 " "
						12	1	M	1.67 " "
Average	12	17	M	1.51½ " "		12	2	M	1.75 " "
July 1872	12	19	M	1.50 " "	Average	12	21	M	1.55 " "
	12	3	M	1.62 " "					
	12	1	M	1.67 " "					
	12	1	M	1.75 " "	July 1873	12	2	M	1.25 " "
						12	15	M	1.50 " "
Average	12	24	M	1.53½ " "		12	3	M	1.62 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

DRESSERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873–conc'd.	12	1	M	$1.67 per day.
	12	1	M	2.00 " "
Average	12	22	M	1.52½ " "
Jan. 1874	12	10	M	1.50 " "
	12	3	M	1.62 " "
	12	1	M	1.67 " "
	12	1	M	2.00 " "
Average	12	15	M	1.57 " "
July 1874	12	13	M	1.50 " "
	12	4	M	1.62 " "
Average	12	17	M	1.53 " "
Jan. 1875	12	9	M	1.50 " "
	12	3	M	1.62 " "
	12	1	M	1.75 " "
Average	12	13	M	1.54½ " "
July 1875	12	1	M	1.00 " "
	12	1	M	1.25 " "
	12	14	M	1.50 " "
	12	3	M	1.62 " "
	12	1	M	2.00 " "
	12	1	M	2.50 " "
Average	12	21	M	1.55½ " "
Jan. 1876	12	5	M	1.35 " "
	12	4	M	1.50 " "
	12	1	M	1.60 " "
	12	1	M	2.00 " "
Average	12	11	M	1.48½ " "
July 1876	12	6	M	1.25 " "
	12	2	M	1.35 " "
	12	3	M	1.40 " "
	12	1	M	1.50 " "
Average	12	12	M	1.32½ " "
Jan. 1877	12	2	M	1.00 " "
	12	5	M	1.25 " "
	12	1	M	1.35 " "
	12	3	M	1.40 " "
	12	1	M	1.50 " "
Average	12	12	M	1.27½ " "
July 1877	12	15	M	1.25 " "
	12	1	M	1.35 " "
	12	2	M	1.40 " "
	12	1	M	1.50 " "
Average	12	19	M	1.28½ " "
Jan. 1878	12	5	M	1.00 " "
	12	3	M	1.17 " "
	12	1	M	1.35 " "
Average	12	9	M	1.09½ " "
July 1878	12	7	M	1.00 " "
	12	2	M	1.17 " "
	12	1	M	1.35 " "
Average	12	10	M	1.07 " "
Jan. 1879	12	8	M	$1.00 per day.
	12	3	M	1.17 " "
	12	1	M	1.35 " "
Average	12	12	M	1.07 " "
July 1879	12	4	M	1.00 " "
	12	2	M	1.10 " "
	12	2	M	1.17 " "
	12	1	M	1.27 " "
	12	1	M	1.35 " "
Average	12	10	M	1.11½ " "
Jan. 1880	12	3	M	1.00 " "
	12	2	M	1.10 " "
	12	3	M	1.25 " "
	12	1	M	1.27 " "
	12	1	M	1.40 " "
Average	12	10	M	1.16 " "
July 1880	12	3	M	1.00 " "
	12	1	M	1.10 " "
	12	4	M	1.25 " "
	12	1	M	1.35 " "
	12	1	M	1.40 " "
Average	12	10	M	1.18½ " "
Jan. 1881	12	1	M	1.10 " "
	12	1	M	1.15 " "
	12	2	M	1.20 " "
	12	1	M	1.25 " "
	12	1	M	1.30 " "
	12	3	M	1.35 " "
	12	1	M	1.40 " "
Average	12	10	M	1.26½ " "
July 1881	12	1	M	1.15 " "
	12	2	M	1.20 " "
	12	1	M	1.30 " "
	12	4	M	1.35 " "
	12	1	M	1.40 " "
	12	1	M	1.50 " "
Average	12	10	M	1.31½ " "
Jan. 1882	12	1	M	1.20 " "
	12	2	M	1.25 " "
	12	2	M	1.35 " "
	12	3	M	1.40 " "
	12	1	M	1.45 " "
	12	1	M	1.50 " "
Average	12	10	M	1.35½ " "
July 1882	12	1	M	1.20 " "
	12	1	M	1.25 " "
	12	1	M	1.30 " "
	12	2	M	1.35 " "
	12	2	M	1.40 " "
	12	2	M	1.45 " "
	12	1	M	1.55 " "
Average	12	10	M	1.37 " "
Jan. 1883	12	1	M	1.20 " "
	12	1	M	1.30 " "
	12	2	M	1.35 " "
	12	8	M	1.40 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

DRESSERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883–conc'd.	12	2	M	$1.45 per day.
	12	1	M	1.50 " "
Average	12	10	M	1.38 " "
July 1883	12	1	M	1.25 " "
	12	1	M	1.30 " "
	12	1	M	1.35 " "
	12	2	M	1.40 " "
	12	3	M	1.45 " "
	12	1	M	1.50 " "
	12	1	M	1.55 " "
Average	12	10	M	1.41 " "
Jan. 1884	12	1	M	1.30 " "
	12	1	M	1.35 " "
	12	1	M	1.40 " "
	12	2	M	1.45 " "
	12	3	M	1.50 " "
	12	1	M	1.60 " "
Average	12	9	M	1.45 " "
July 1884	12	2	M	1.35 " "
	12	1	M	1.40 " "
	12	2	M	1.45 " "
	12	2	M	1.50 " "
	12	1	M	1.60 " "
Average	12	8	M	1.45 " "
Jan. 1885	12	2	M	1.35 " "
	12	2	M	1.45 " "
	12	3	M	1.50 " "
	12	1	M	1.60 " "
Average	12	8	M	1.46½ " "
July 1885	12	1	M	1.40 " "
	12	1	M	1.45 " "
	12	3	M	1.50 " "
	12	1	M	1.55 " "
	12	1	M	1.60 " "
Average	12	7	M	1.50 " "
Jan. 1886	12	1	M	1.40 " "
	12	1	M	1.45 " "
	12	3	M	1.50 " "
	12	1	M	1.55 " "
	12	1	M	1.60 " "
Average	12	7	M	1.50 " "
July 1886	12	1	M	1.35 " "
	12	1	M	1.40 " "
	12	2	M	1.45 " "
	12	1	M	1.50 " "
	12	2	M	1.55 " "
	12	1	M	1.60 " "
Average	12	8	M	1.48 " "
Jan. 1887	10	1	M	1.35 " "
	10	3	M	1.45 " "
	10	1	M	1.50 " "
Jan. 1887–conc'd.	10	3	M	$1.55 per day.
	10	1	M	1.60 " "
Average	10	9	M	1.49½ " "
July 1887	10	1	M	1.40 " "
	10	2	M	1.45 " "
	10	3	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.60 " "
Average	10	8	M	1.49½ " "
Jan. 1888	10	8	M	1.25 " "
	10	3	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	3	M	1.50 " "
Average	10	17	M	1.34 " "
July 1888	10	8	M	1.25 " "
	10	3	M	1.35 " "
	10	1	M	1.40 " "
	10	1	M	1.45 " "
	10	3	M	1.50 " "
Average	10	16	M	1.33½ " "
Jan. 1889	10	2	M	1.25 " "
	10	3	M	1.35 " "
	10	1	M	1.45 " "
	10	2	M	1.50 " "
Average	10	8	M	1.37½ " "
July 1889	10	2	M	1.25 " "
	10	3	M	1.35 " "
	10	1	M	1.45 " "
	10	2	M	1.50 " "
Average	10	8	M	1.37½ " "
Jan. 1890	10	4	M	1.25 " "
	10	3	M	1.35 " "
	10	3	M	1.50 " "
Average	10	10	M	1.35½ " "
July 1890	10	4	M	1.25 " "
	10	3	M	1.35 " "
	10	3	M	1.50 " "
Average	10	10	M	1.35½ " "
Jan. 1891	10	3	M	1.25 " "
	10	2	M	1.35 " "
	10	3	M	1.50 " "
	10	1	M	1.75 " "
Average	10	9	M	1.41 " "
July 1891	10	2	M	1.25 " "
	10	1	M	1.35 " "
	10	3	M	1.50 " "
	10	1	M	1.72 " "
	10	1	M	1.75 " "
Average	10	8	M	1.47½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

ENGINEERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	12	1	M	$1.65 per day.	Jan. 1882	12	1	M	$1.65 per day.
July 1872	12	1	M	1.70 " "	July 1882	12	1	M	1.65 " "
Jan. 1873	12	1	M	1.75 " "	Jan. 1883	12	1	M	1.65 " "
July 1873	12	1	M	1.80 " "	July 1883	12	1	M	1.65 " "
Jan. 1874	12	1	M	1.80 " "	Jan. 1884	12	1	M	1.65 " "
July 1874	12	1	M	1.80 " "	July 1884	12	1	M	1.65 " "
Jan. 1875	12	1	M	1.80 " "	Jan. 1885	12	1	M	1.65 " "
July 1875	12	1	M	1.75 " "	July 1885	12	1	M	1.65 " "
Jan. 1876	12	1	M	1.75 " "	Jan. 1886	12	1	M	1.70 " "
July 1876	12	1	M	1.50 " "	July 1886	12	1	M	1.70 " "
Jan. 1877	12	1	M	1.50 " "	Jan. 1887	10	1	M	1.70 " "
July 1877	12	1	M	1.50 " "	July 1887	10	1	M	1.75 " "
Jan. 1878	12	1	M	1.50 " "	Jan. 1888	10	1	M	1.75 " "
July 1878	12	1	M	1.50 " "	July 1888	10	1	M	1.75 " "
Jan. 1879	12	1	M	1.60 " "	Jan. 1889	10	1	M	1.75 " "
July 1879	12	1	M	1.60 " "	July 1889	10	1	M	1.75 " "
Jan. 1880	12	1	M	1.65 " "	Jan. 1890	10	1	M	1.75 " "
July 1880	12	1	M	1.65 " "	July 1890	10	1	M	1.75 " "
Jan. 1881	12	1	M	1.65 " "	Jan. 1891	10	1	M	1.75 " "
July 1881	12	1	M	1.65 " "					

FOREMEN, COREMAKERS.

Jan. 1872	12	1	M	3.00 per day.	Jan. 1882	12	1	M	2.75 per day.
July 1872	12	1	M	3.00 " "	July 1882	12	1	M	2.75 " "
Jan. 1873	12	1	M	3.00 " "	Jan. 1883	12	1	M	2.75 " "
July 1873	12	1	M	3.00 " "	July 1883	12	1	M	2.75 " "
Jan. 1874	12	1	M	3.00 " "	Jan. 1884	12	1	M	2.75 " "
July 1874	12	1	M	3.00 " "	July 1884	12	1	M	2.75 " "
Jan. 1875	12	1	M	3.00 " "	Jan. 1885	12	1	M	2.75 " "
July 1875	12	1	M	2.75 " "	July 1885	12	1	M	2.75 " "
Jan. 1876	12	1	M	2.75 " "	Jan. 1886	12	1	M	2.75 " "
July 1876	12	1	M	2.75 " "	Jan. 1887	10	1	M	2.75 " "
Jan. 1877	12	1	M	2.75 " "	July 1887	10	1	M	2.75 " "
July 1877	12	1	M	2.75 " "	Jan. 1888	10	1	M	2.75 " "
Jan. 1878	12	1	M	2.75 " "	July 1888	10	1	M	2.75 " "
July 1878	12	1	M	2.75 " "	Jan. 1889	10	1	M	2.75 " "
Jan. 1879	12	1	M	2.75 " "	July 1889	10	1	M	2.75 " "
July 1879	12	1	M	2.75 " "	Jan. 1890	10	1	M	2.75 " "
Jan. 1880	12	1	M	2.75 " "	July 1890	10	1	M	2.75 " "
July 1880	12	1	M	2.75 " "	Jan. 1891	10	1	M	2.75 " "
Jan. 1881	12	1	M	2.75 " "	July 1891	10	1	M	2.75 " "
July 1881	12	1	M	2.75 " "					

FOREMEN, MELTERS.

Jan. 1872	12	1	M	2.50 per day.	Jan. 1882	12	1	M	2.25 per day.
July 1872	12	1	M	2.50 " "	July 1882	12	1	M	2.25 " "
Jan. 1873	12	1	M	2.50 " "	Jan. 1883	12	1	M	2.25 " "
July 1873	12	1	M	2.50 " "	July 1883	12	1	M	2.25 " "
Jan. 1874	12	1	M	2.50 " "	Jan. 1884	12	1	M	2.25 " "
July 1874	12	1	M	2.50 " "	July 1884	12	1	M	2.25 " "
Jan. 1875	12	1	M	2.50 " "	Jan. 1885	12	1	M	2.25 " "
July 1875	12	1	M	2.25 " "	July 1885	12	1	M	2.00 " "
Jan. 1876	12	1	M	2.10 " "	Jan. 1886	12	1	M	2.00 " "
July 1876	12	1	M	2.25 " "	July 1886	12	1	M	2.00 " "
Jan. 1877	12	1	M	2.25 " "	Jan. 1887	10	1	M	2.00 " "
July 1877	12	1	M	2.25 " "	July 1887	10	1	M	2.00 " "
Jan. 1878	12	1	M	2.25 " "	Jan. 1888	10	1	M	2.00 " "
July 1878	12	1	M	1.90 " "	July 1888	10	1	M	2.00 " "
Jan. 1879	12	1	M	2.25 " "	Jan. 1889	10	1	M	2.00 " "
July 1879	12	1	M	2.25 " "	July 1889	10	1	M	2.00 " "
Jan. 1880	12	1	M	2.25 " "	Jan. 1890	10	1	M	2.00 " "
July 1880	12	1	M	2.25 " "	July 1890	10	1	M	2.00 " "
Jan. 1881	12	1	M	2.25 " "	Jan. 1891	10	1	M	2.00 " "
July 1881	12	1	M	2.25 " "	July 1891	10	1	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

FOREMEN, MOULDERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	12	1	M	$3.00 per day.	Jan. 1884	12	1	M	$2.50 per day.
	12	1	M	5.00 " "	July 1884	12	1	M	2.50 " "
					Jan. 1885	12	1	M	2.50 " "
Average	12	2	M	4.00 " "	July 1885	12	1	M	2.50 " "
					Jan. 1886	12	1	M	2.50 " "
July 1872	12	1	M	3.00 " "	July 1886	12	1	M	2.50 " "
	12	1	M	5.00 " "	Jan. 1887	10	1	M	2.50 " "
					July 1887	10	1	M	2.50 " "
Average	12	2	M	4.00 " "	Jan. 1888	10	1	M	2.50 " "
					July 1888	10	1	M	2.50 " "
Jan. 1873	12	1	M	3.00 " "	Jan. 1889	10	1	M	2.50 " "
July 1873	12	1	M	3.00 " "	July 1889	10	1	M	2.50 " "
Jan. 1874	12	1	M	3.00 " "					
July 1874	12	1	M	3.00 " "	Jan. 1890	10	1	M	2.50 " "
Jan. 1875	12	1	M	3.00 " "		10	1	M	3.50 " "
July 1875	12	1	M	2.50 " "					
Jan. 1876	12	1	M	2.25 " "	Average	10	2	M	3.00 " "
July 1876	12	1	M	2.50 " "					
Jan. 1877	12	1	M	2.50 " "	July 1890	10	1	M	2.50 " "
July 1877	12	1	M	2.50 " "		10	1	M	3.50 " "
Jan. 1878	12	1	M	2.50 " "					
July 1878	12	1	M	2.50 " "	Average	10	2	M	3.00 " "
Jan. 1879	12	1	M	2.50 " "					
July 1879	12	1	M	2.50 " "	Jan. 1891	10	1	M	2.50 " "
Jan. 1880	12	1	M	2.50 " "		10	1	M	3.50 " "
July 1880	12	1	M	2.50 " "					
Jan. 1881	12	1	M	2.50 " "	Average	10	2	M	3.00 " "
July 1881	12	1	M	2.50 " "					
Jan. 1882	12	1	M	2.50 " "	July 1891	10	1	M	2.50 " "
July 1882	12	1	M	2.50 " "		10	1	M	3.50 " "
Jan. 1883	12	1	M	2.50 " "					
July 1883	12	1	M	2.50 " "	Average	10	2	M	3.00 " "

MELTERS.

Jan. 1872	12	6	M	1.50 per day.	Jan. 1875	12	1	M	1.50 per day.
	12	1	M	1.62 " "		12	1	M	1.90 " "
	12	1	M	2.00 " "		12	1	M	3.00 " "
	12	1	M	3.00 " "					
					Average	12	3	M	2.13½ " "
Average	12	9	M	1.73½ " "					
					July 1875	12	1	M	1.50 " "
July 1872	12	6	M	1.50 " "		12	1	M	1.90 " "
	12	1	M	1.62 " "		12	1	M	3.00 " "
	12	1	M	2.00 " "					
	12	1	M	3.00 " "	Average	12	3	M	2.13½ " "
Average	12	9	M	1.73½ " "					
					Jan. 1876	12	2	M	1.35 " "
Jan. 1873	12	2	M	1.50 " "		12	1	M	1.80 " "
	12	1	M	1.62 " "		12	1	M	2.50 " "
	12	1	M	2.00 " "					
	12	1	M	3.00 " "	Average	12	4	M	1.75 " "
Average	12	5	M	1.92½ " "					
					July 1876	12	1	M	1.25 " "
July 1873	12	3	M	1.50 " "		12	1	M	1.90 " "
	12	1	M	1.90 " "		12	1	M	2.50 " "
	12	1	M	2.00 " "					
	12	1	M	3.00 " "	Average	12	3	M	1.88½ " "
Average	12	6	M	1.90 " "					
					Jan. 1877	12	1	M	1.25 " "
Jan. 1874	12	3	M	1.50 " "		12	1	M	1.90 " "
	12	1	M	3.00 " "		12	1	M	2.50 " "
Average	12	4	M	1.87½ " "	Average	12	3	M	1.88½ " "
July 1874	12	2	M	1.50 " "	July 1877	12	2	M	1.25 " "
	12	1	M	1.90 " "		12	1	M	1.90 " "
	12	1	M	3.00 " "		12	1	M	2.50 " "
Average	12	4	M	1.97½ " "	Average	12	4	M	1.72½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

MELTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878	12	1	M	$1.00 per day.
	12	1	M	1.90 " "
	12	1	M	2.50 " "
Average	12	3	M	1.80 " "
July 1878	12	1	M	1.00 " "
	12	1	M	1.90 " "
	12	1	M	2.50 " "
Average	12	3	M	1.80 " "
Jan. 1879	12	1	M	1.00 " "
	12	1	M	1.50 " "
	12	1	M	1.90 " "
	12	1	M	2.00 " "
Average	12	4	M	1.60 " "
July 1879	12	1	M	1.00 " "
	12	1	M	1.50 " "
	12	1	M	1.90 " "
	12	1	M	2.00 " "
Average	12	4	M	1.60 " "
Jan. 1880	12	1	M	1.00 " "
	12	1	M	1.50 " "
	12	1	M	1.85 " "
	12	1	M	2.00 " "
Average	12	4	M	1.58½ " "
July 1880	12	1	M	1.00 " "
	12	1	M	1.50 " "
	12	1	M	1.85 " "
	12	1	M	2.00 " "
Average	12	4	M	1.58½ " "
Jan. 1881	12	1	M	1.00 " "
	12	1	M	1.50 " "
	12	1	M	1.85 " "
	12	1	M	2.00 " "
Average	12	4	M	1.58½ " "
July 1881	12	1	M	1.10 " "
	12	1	M	1.50 " "
	12	1	M	1.85 " "
Average	12	3	M	1.48½ " "
Jan. 1882	12	1	M	1.50 " "
	12	1	M	1.85 " "
Average	12	2	M	1.67½ " "
July 1882	12	1	M	1.50 " "
	12	1	M	1.85 " "
Average	12	2	M	1.67½ " "
Jan. 1883	12	1	M	1.50 " "
	12	1	M	1.85 " "
Average	12	2	M	1.67½ " "
July 1883	12	1	M	1.60 " "
	12	1	M	1.85 " "
Average	12	2	M	1.72½ " "
Jan. 1884	12	1	M	$1.60 per day.
	12	1	M	1.90 " "
Average	12	2	M	1.75 " "
July 1884	12	1	M	1.60 " "
	12	1	M	1.90 " "
Average	12	2	M	1.75 " "
Jan. 1885	12	1	M	1.60 " "
	12	1	M	1.90 " "
Average	12	2	M	1.75 " "
July 1885	12	1	M	1.65 " "
	12	1	M	1.80 " "
Average	12	2	M	1.72½ " "
Jan. 1886	12	1	M	1.65 " "
	12	1	M	1.80 " "
Average	12	2	M	1.72½ " "
July 1886	12	1	M	1.70 " "
	12	1	M	1.80 " "
Average	12	2	M	1.75 " "
Jan. 1887	10	2	M	1.75 " "
July 1887	10	2	M	1.75 " "
Jan. 1888	10	2	M	1.25 " "
	10	2	M	1.75 " "
Average	10	4	M	1.50 " "
July 1888	10	2	M	1.25 " "
	10	2	M	1.75 " "
Average	10	4	M	1.50 " "
Jan. 1889	10	2	M	1.35 " "
	10	2	M	1.75 " "
Average	10	4	M	1.55 " "
July 1889	10	2	M	1.40 " "
	10	2	M	1.75 " "
Average	10	4	M	1.57½ " "
Jan. 1890	10	2	M	1.50 " "
	10	2	M	1.75 " "
Average	10	4	M	1.62½ " "
July 1890	10	2	M	1.50 " "
	10	2	M	1.75 " "
Average	10	4	M	1.62½ " "
Jan. 1891	10	1	M	1.50 " "
	10	2	M	1.75 " "
Average	10	3	M	1.66½ " "
July 1891	10	2	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

MOULDERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	12	15	M	$1.00 per day.
	12	3	M	1.25 " "
	12	9	M	1.37 " "
	12	9	M	1.50 " "
	12	1	M	1.62 " "
	12	4	M	1.75 " "
	12	11	M	2.00 " "
	12	2	M	2.15 " "
	12	1	M	2.17 " "
	12	1	M	2.20 " "
	12	8	M	2.25 " "
	12	3	M	2.50 " "
	12	4	M	3.00 " "
	12	1	M	3.33 " "
	12	1	M	3.45 " "
	12	1	M	3.50 " "
	12	1	M	4.00 " "
Average	12	75	M	1.81 " "
July 1872	12	13	M	1.00 " "
	12	1	M	1.25 " "
	12	8	M	1.37 " "
	12	8	M	1.50 " "
	12	2	M	1.62 " "
	12	2	M	1.75 " "
	12	1	M	1.83 " "
	12	8	M	2.00 " "
	12	1	M	2.15 " "
	12	2	M	2.20 " "
	12	9	M	2.25 " "
	12	7	M	2.50 " "
	12	4	M	3.00 " "
	12	1	M	3.33 " "
	12	1	M	3.50 " "
	12	1	M	3.60 " "
	12	1	M	3.84 " "
Average	12	70	M	1.89 " "
Jan. 1873	12	7	M	1.00 " "
	12	1	M	1.25 " "
	12	5	M	1.37 " "
	12	4	M	1.50 " "
	12	1	M	1.62 " "
	12	1	M	1.75 " "
	12	1	M	1.90 " "
	12	7	M	2.00 " "
	12	1	M	2.15 " "
	12	1	M	2.17 " "
	12	2	M	2.20 " "
	12	10	M	2.25 " "
	12	1	M	2.40 " "
	12	3	M	2.50 " "
	12	4	M	3.00 " "
	12	1	M	3.33 " "
	12	1	M	3.50 " "
Average	12	51	M	1.96½ " "
July 1873	12	1	M	1.00 " "
	12	1	M	1.25 " "
	12	7	M	1.37 " "
	12	9	M	1.50 " "
	12	1	M	1.62 " "
	12	1	M	1.65 " "
	12	2	M	1.75 " "
	12	2	M	1.90 " "
	12	7	M	2.00 " "
	12	1	M	2.15 " "
	12	1	M	2.20 " "
	12	5	M	2.25 " "
	12	1	M	2.37 " "
	12	3	M	2.50 " "
	12	4	M	3.00 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873-conc'd.	12	1	M	$3.33 per day.
	12	1	M	3.50 " "
	12	1	M	3.80 " "
Average	12	49	M	2.00 " "
Jan. 1874	12	2	M	1.25 " "
	12	5	M	1.37 " "
	12	4	M	1.50 " "
	12	2	M	1.62 " "
	12	1	M	1.65 " "
	12	1	M	1.70 " "
	12	3	M	1.75 " "
	12	2	M	1.90 " "
	12	4	M	2.00 " "
	12	1	M	2.06 " "
	12	1	M	2.15 " "
	12	1	M	2.20 " "
	12	5	M	2.25 " "
	12	2	M	2.50 " "
	12	3	M	3.00 " "
	12	1	M	3.33 " "
	12	1	M	3.50 " "
	12	1	M	4.08 " "
Average	12	40	M	2.04 " "
July 1874	12	1	M	1.25 " "
	12	2	M	1.37 " "
	12	1	M	1.45 " "
	12	4	M	1.50 " "
	12	3	M	1.62 " "
	12	1	M	1.87 " "
	12	3	M	1.90 " "
	12	4	M	2.00 " "
	12	1	M	2.15 " "
	12	2	M	2.20 " "
	12	5	M	2.25 " "
	12	3	M	2.50 " "
	12	2	M	3.00 " "
	12	1	M	3.33 " "
	12	1	M	3.50 " "
Average	12	34	M	2.06 " "
Jan. 1875	12	2	M	1.37 " "
	12	5	M	1.50 " "
	12	4	M	1.62 " "
	12	2	M	1.75 " "
	12	1	M	1.87 " "
	12	3	M	1.90 " "
	12	2	M	2.00 " "
	12	1	M	2.15 " "
	12	1	M	2.20 " "
	12	4	M	2.25 " "
	12	1	M	2.50 " "
	12	1	M	2.58 " "
	12	1	M	2.75 " "
	12	2	M	3.00 " "
	12	1	M	3.33 " "
	12	1	M	3.50 " "
Average	12	32	M	2.05½ " "
July 1875	12	1	M	1.37 " "
	12	6	M	1.50 " "
	12	1	M	1.62 " "
	12	1	M	1.70 " "
	12	1	M	1.75 " "
	12	1	M	1.87 " "
	12	4	M	1.90 " "
	12	5	M	2.00 " "
	12	1	M	2.25 " "
	12	4	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875–	12	1	M	$2.75 per day.
conc'd.	12	1	M	3.33 " "
Average	12	27	M	1.97 " "
Jan. 1876	12	1	M	1.25 " "
	12	3	M	1.70 " "
	12	4	M	1.80 " "
	12	3	M	1.90 " "
	12	1	M	2.10 " "
	12	4	M	2.25 " "
	12	1	M	2.77 " "
	12	1	M	3.33 " "
Average	12	18	M	2.02½ " "
July 1876	12	1	M	1.25 " "
	12	1	M	1.75 " "
	12	1	M	1.87 " "
	12	3	M	1.90 " "
	12	1	M	2.00 " "
	12	1	M	2.10 " "
	12	1	M	2.25 " "
	12	4	M	2.50 " "
	12	1	M	3.33 " "
Average	12	14	M	2.16 " "
Jan. 1877	12	2	M	1.25 " "
	12	3	M	1.75 " "
	12	1	M	1.80 " "
	12	1	M	1.87 " "
	12	2	M	1.90 " "
	12	1	M	2.00 " "
	12	1	M	2.25 " "
	12	4	M	2.50 " "
	12	1	M	3.33 " "
Average	12	16	M	2.05 " "
July 1877	12	3	M	1.25 " "
	12	1	M	1.74 " "
	12	1	M	1.87 " "
	12	6	M	1.90 " "
	12	2	M	2.00 " "
	12	1	M	2.25 " "
	12	4	M	2.50 " "
	12	1	M	3.33 " "
Average	12	19	M	2.02 " "
Jan. 1878	12	2	M	1.00 " "
	12	1	M	1.60 " "
	12	1	M	1.70 " "
	12	1	M	1.87 " "
	12	3	M	1.90 " "
	12	2	M	2.00 " "
	12	4	M	2.50 " "
	12	1	M	3.33 " "
Average	12	15	M	2.01½ " "
July 1878	12	3	M	1.00 " "
	12	1	M	1.58 " "
	12	2	M	1.87 " "
	12	3	M	1.90 " "
	12	2	M	2.00 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	16	M	1.94 " "
Jan. 1879	12	1	M	1.00 " "
	12	1	M	1.87 " "
Jan. 1879–	12	6	M	$1.90 per day.
conc'd.	12	3	M	2.00 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	16	M	2.08 " "
July 1879	12	1	M	1.25 " "
	12	1	M	1.87 " "
	12	6	M	1.90 " "
	12	2	M	2.00 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	15	M	2.10 " "
Jan. 1880	12	1	M	1.25 " "
	12	1	M	1.87 " "
	12	5	M	1.90 " "
	12	1	M	1.95 " "
	12	2	M	2.00 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	15	M	2.10½ " "
July 1880	12	1	M	1.25 " "
	12	1	M	1.85 " "
	12	4	M	1.90 " "
	12	4	M	2.00 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	15	M	2.11½ " "
Jan. 1881	12	1	M	1.25 " "
	12	2	M	1.85 " "
	12	3	M	1.90 " "
	12	2	M	2.00 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	13	M	2.12½ " "
July 1881	12	1	M	1.35 " "
	12	2	M	1.85 " "
	12	3	M	1.90 " "
	12	3	M	2.00 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	14	M	2.12½ " "
Jan. 1882	12	1	M	1.35 " "
	12	3	M	1.85 " "
	12	2	M	1.90 " "
	12	4	M	2.00 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	15	M	2.11½ " "
July 1882	12	1	M	1.35 " "
	12	3	M	1.85 " "
	12	2	M	1.90 " "
	12	1	M	1.95 " "
	12	2	M	2.00 " "
	12	1	M	2.10 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	15	M	2.11½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883	12	1	M	$1.35 per day.
	12	3	M	1.85 " "
	12	1	M	1.90 " "
	12	2	M	1.95 " "
	12	1	M	2.00 " "
	12	1	M	2.10 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	14	M	2.13 " "
July 1883	12	1	M	1.40 " "
	12	3	M	1.85 " "
	12	2	M	1.90 " "
	12	1	M	1.95 " "
	12	1	M	2.00 " "
	12	1	M	2.10 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	14	M	2.13 " "
Jan. 1884	12	1	M	1.40 " "
	12	1	M	1.75 " "
	12	2	M	1.85 " "
	12	2	M	1.90 " "
	12	1	M	1.95 " "
	12	2	M	2.00 " "
	12	1	M	2.10 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	15	M	2.11½ " "
July 1884	12	1	M	1.45 " "
	12	1	M	1.75 " "
	12	2	M	1.85 " "
	12	2	M	1.90 " "
	12	1	M	1.95 " "
	12	1	M	2.00 " "
	12	1	M	2.05 " "
	12	1	M	2.10 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	15	M	2.12 " "
Jan. 1885	12	1	M	1.50 " "
	12	1	M	1.75 " "
	12	1	M	1.80 " "
	12	1	M	1.85 " "
	12	2	M	1.90 " "
	12	1	M	1.95 " "
	12	1	M	2.00 " "
	12	1	M	2.05 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	14	M	2.12 " "
July 1885	12	1	M	1.50 " "
	12	1	M	1.75 " "
	12	1	M	1.80 " "
	12	2	M	1.85 " "
	12	1	M	1.90 " "
	12	1	M	1.95 " "
	12	1	M	2.00 " "
	12	1	M	2.10 " "
	12	1	M	2.20 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	15	M	2.12½ " "
Jan. 1886	12	1	M	$1.60 per day.
	12	1	M	1.75 " "
	12	2	M	1.80 " "
	12	2	M	1.85 " "
	12	1	M	1.95 " "
	12	1	M	2.00 " "
	12	1	M	2.10 " "
	12	1	M	2.20 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	14	M	2.13½ " "
July 1886	12	1	M	1.60 " "
	12	1	M	1.75 " "
	12	2	M	1.80 " "
	12	2	M	1.85 " "
	12	1	M	1.95 " "
	12	1	M	2.00 " "
	12	1	M	2.10 " "
	12	1	M	2.15 " "
	12	4	M	2.50 " "
	12	1	M	3.00 " "
Average	12	15	M	2.12½ " "
Jan. 1887	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	3	M	1.80 " "
	10	1	M	1.85 " "
	10	2	M	2.00 " "
	10	1	M	2.10 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	14	M	2.14½ " "
July 1887	10	1	M	1.70 " "
	10	3	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.85 " "
	10	2	M	2.00 " "
	10	1	M	2.05 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	14	M	2.13½ " "
Jan. 1888	10	8	M	1.25 " "
	10	1	M	1.40 " "
	10	11	M	1.50 " "
	10	1	M	1.65 " "
	10	11	M	1.75 " "
	10	3	M	2.00 " "
	10	3	M	2.50 " "
	10	1	M	2.92 " "
Average	10	39	M	1.67 " "
July 1888	10	7	M	1.25 " "
	10	1	M	1.40 " "
	10	10	M	1.50 " "
	10	1	M	1.65 " "
	10	9	M	1.75 " "
	10	2	M	2.00 " "
	10	3	M	2.50 " "
	10	1	M	2.92 " "
Average	10	34	M	1.67½ " "
Jan. 1889	10	1	M	1.25 " "
	10	5	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.65 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

MOULDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1889–cone'd.	10	1	M	$1.70 per day.	July 1890	10	2	M	$1.25 per day.
	10	7	M	1.75 " "		10	1	M	1.35 " "
	10	2	M	2.00 " "		10	5	M	1.50 " "
	10	3	M	2.50 " "		10	2	M	1.65 " "
						10	9	M	1.75 " "
Average	10	21	M	1.78 " "		10	1	M	1.87 " "
						10	2	M	2.00 " "
						10	3	M	2.50 " "
July 1889	10	1	M	1.25 " "					
	10	1	M	1.35 " "	Average	10	25	M	1.75 " "
	10	6	M	1.50 " "					
	10	1	M	1.65 " "	Jan. 1891	10	1	M	1.25 " "
	10	1	M	1.70 " "		10	6	M	1.50 " "
	10	7	M	1.75 " "		10	3	M	1.65 " "
	10	2	M	2.00 " "		10	9	M	1.75 " "
	10	3	M	2.50 " "		10	1	M	1.87 " "
						10	3	M	2.00 " "
Average	10	22	M	1.76 " "		10	3	M	2.50 " "
					Average	10	26	M	1.78 " "
Jan. 1890	10	1	M	1.25 " "					
	10	3	M	1.35 " "	Jnly 1891	10	1	M	1.25 " "
	10	5	M	1.50 " "		10	4	M	1.50 " "
	10	2	M	1.65 " "		10	2	M	1.65 " "
	10	9	M	1.75 " "		10	11	M	1.75 " "
	10	1	M	1.87 " "		10	1	M	1.87 " "
	10	2	M	2.00 " "		10	2	M	2.00 " "
	10	3	M	2.50 " "		10	3	M	2.50 " "
Average	10	26	M	1.74 " "	Average	10	24	M	1.80 " "

TEAMSTERS.

Jan. 1872	12	1	M	1.50 per day.	Jan. 1882	12	1	M	1.35 per day.
July 1872	12	1	M	1.50 " "	July 1882	12	1	M	1.40 " "
Jan. 1873	12	1	M	1.50 " "	Jan. 1883	12	1	M	1.40 " "
July 1873	12	1	M	1.50 " "	July 1883	12	1	M	1.45 " "
Jan. 1874	12	1	M	1.50 " "	Jan. 1884	12	1	M	1.45 " "
July 1874	12	1	M	1.50 " "	July 1884	12	1	M	1.50 " "
Jan. 1875	12	1	M	1.50 " "	Jan. 1885	12	1	M	1.50 " "
July 1875	12	1	M	1.50 " "	July 1885	12	1	M	1.50 " "
Jan. 1876	12	1	M	1.50 " "	Jan. 1886	12	1	M	1.50 " "
July 1876	12	1	M	1.50 " "	July 1886	12	1	M	1.50 " "
Jan. 1877	12	1	M	1.50 " "	Jan. 1887	10	1	M	1.50 " "
July 1877	12	1	M	1.50 " "	July 1887	10	1	M	1.50 " "
Jan. 1878	12	1	M	1.50 " "	Jan. 1888	10	1	M	1.50 " "
July 1878	12	1	M	1.50 " "	July 1888	10	1	M	1.50 " "
Jan. 1879	12	1	M	1.45 " "	Jan. 1889	10	1	M	1.65 " "
July 1879	12	1	M	1.45 " "	July 1889	10	1	M	1.65 " "
Jan. 1880	12	1	M	1.45 " "	Jan. 1890	10	1	M	1.75 " "
Jnly 1880	12	1	M	1.40 " "	July 1890	10	1	M	1.75 " "
Jan. 1881	12	1	M	1.40 " "	Jan. 1891	10	1	M	1.75 " "
July 1881	12	1	M	1.40 " "	July 1891	10	1	M	1.75 " "

WATCHMEN.

Jan. 1873	12	1	M	1.50 per day.	Jan. 1879	12	1	M	1.35 per day.
July 1873	12	1	M	1.50 " "	July 1879	12	1	M	1.35 " "
Jan. 1874	12	1	M	1.50 " "	Jan. 1880	12	1	M	1.35 " "
July 1874	12	1	M	1.50 " "	Jnly 1880	12	1	M	1.35 " "
Jan. 1875	12	1	M	1.50 " "	Jan. 1881	12	1	M	1.35 " "
July 1875	12	1	M	1.50 " "	July 1881	12	1	M	1.35 " "
Jan. 1876	12	1	M	1.50 " "	Jan. 1882	12	1	M	1.35 " "
July 1876	12	1	M	1.50 " "	July 1882	12	1	M	1.35 " "
Jan. 1877	12	1	M	1.50 " "	Jan. 1883	12	1	M	1.35 " "
July 1877	12	1	M	1.50 " "	July 1883	12	1	M	1.35 " "
Jan. 1878	12	1	M	1.50 " "	Jan. 1884	12	1	M	1.35 " "
July 1878	12	1	M	1.50 " "	July 1884	12	1	M	1.35 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Concluded.

WATCHMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1885	12	1	M	$1.35 per day.	July 1888	10	1	M	$1.25 per day.
July 1885	12	1	M	1.25 " "	Jan. 1889	10	1	M	1.25 " "
Jan. 1886	12	1	M	1.25 " "	July 1889	10	1	M	1.25 " "
July 1886	12	1	M	1.25 " "	Jan. 1890	10	1	M	1.25 " "
Jan. 1887	10	1	M	1.25 " "	July 1890	10	1	M	1.25 " "
July 1887	10	1	M	1.25 " "	Jan. 1891	10	1	M	1.25 " "
Jan. 1888	10	1	M	1.25 " "	July 1891	10	1	M	1.25 " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY.

BLACKSMITHS.

July 1864	10	1	M	2.25 per day.	Jan. 1870	10	1	M	3.00 per day.
	10	2	M	3.00 " "		10	1	M	3.12½ " "
Average	10	3	M	2.75 " "	Average	10	2	M	3.06½ " "
Jan. 1865	10	3	M	2.25 " "	July 1870	10	2	M	3.00 " "
	10	2	M	3.00 " "		10	1	M	3.12½ " "
Average	10	5	M	2.55 " "	Average	10	3	M	3.04 " "
July 1865	10	1	M	2.37½ " "	Jan. 1871	10	1	M	3.00 " "
	10	1	M	3.12½ " "		10	1	M	3.12½ " "
Average	10	2	M	2.75 " "	Average	10	2	M	3.06½ " "
Jan. 1866	10	2	M	2.75 " "	July 1871	10	1	M	2.62½ " "
	10	1	M	2.87½ " "		10	2	M	3.00 " "
	10	1	M	3.00 " "		10	1	M	3.12½ " "
	10	1	M	3.25 " "	Average	10	4	M	2.93½ " "
Average	10	5	M	2.92½ " "	Jan. 1872	10	1	M	2.62½ " "
July 1866	10	1	M	2.75 " "		10	2	M	3.00 " "
	10	1	M	2.87½ " "		10	1	M	3.12½ " "
	10	1	M	3.25 " "	Average	10	4	M	2.93½ " "
Average	10	3	M	2.96 " "	July 1872	10	1	M	2.62½ " "
Jan. 1867	10	1	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	2.87½ " "		10	2	M	3.00 " "
	10	1	M	3.25 " "		10	2	M	3.25 " "
Average	10	3	M	2.96 " "	Average	10	6	M	2.98 " "
July 1867	10	1	M	2.75 " "	Jan. 1873	10	1	M	2.62½ " "
	10	1	M	2.87½ " "		10	1	M	2.75 " "
	10	1	M	3.25 " "		10	1	M	2.87½ " "
Average	10	3	M	2.96 " "		10	1	M	3.00 " "
Jan. 1868	10	1	M	2.75 " "		10	1	M	3.25 " "
	10	1	M	2.87½ " "	Average	10	5	M	2.90 " "
	10	1	M	3.25 " "	July 1873	10	1	M	2.75 " "
Average	10	3	M	2.96 " "		10	1	M	2.87½ " "
July 1868	10	1	M	2.75 " "		10	1	M	3.25 " "
	10	1	M	2.87½ " "	Average	10	3	M	2.96 " "
	10	1	M	3.00 " "	Jan. 1874	10	1	M	3.25 " "
Average	10	3	M	2.87½ " "	July 1874	10	1	M	2.87½ " "
Jan. 1869	10	1	M	2.75 " "		10	1	M	3.25 " "
	10	1	M	2.87½ " "	Average	10	2	M	3.06½ " "
Average	10	2	M	2.81½ " "	Jan. 1875	10	1	M	2.87½ " "
July 1869	10	2	M	2.87½ " "		10	1	M	3.25 " "
					Average	10	2	M	3.06½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

BLACKSMITHS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10	3	M	$2.87½ per day.
	10	1	M	3.25 " "
Average	10	4	M	2.97 " "
Jan. 1876	10	1	M	2.87½ " "
July 1876	10	1	M	2.50 " "
	10	1	M	2.60 " "
Average	10	2	M	2.55 " "
Jan. 1877	10	2	M	2.50 " "
	10	1	M	2.60 " "
Average	10	3	M	2.53½ " "
July 1877	10	1	M	2.60 " "
	10	1	M	2.75 " "
Average	10	2	M	2.67½ " "
Jan. 1878	10	1	M	2.30 " "
	10	1	M	2.60 " "
Average	10	2	M	2.45 " "
July 1878	10	1	M	2.60 " "
Jan. 1879	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.60 " "
Average	10	3	M	2.40 " "
July 1879	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.60 " "
Average	10	3	M	2.40 " "
Jan. 1880	10	1	M	2.35 " "
	10	1	M	2.60 " "
Average	10	2	M	2.47½ " "
July 1880	10	1	M	2.00 " "
	10	1	M	2.60 " "
Average	10	2	M	2.30 " "
Jan. 1881	10	1	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	3	M	2.41½ " "
July 1881	10	1	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	3	M	2.41½ " "
Jan. 1882	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.87½ " "
Average	10	5	M	2.57½ " "
July 1882	10	2	M	$2.50 per day.
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	4	M	2.68½ " "
Jan. 1883	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	2	M	2.75 " "
July 1883	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	2	M	2.75 " "
Jan. 1884	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	2	M	2.75 " "
July 1884	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1885	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	3	M	2.83½ " "
July 1885	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	3	M	2.83½ " "
Jan. 1886	10	1	M	3.00 " "
July 1886	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1887	10	1	M	3.00 " "
July 1887	10	1	M	3.00 " "
Jan. 1888	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
July 1888	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1889	10	1	M	3.00 " "
July 1889	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	2	M	2.87½ " "
Jan. 1890	10	1	M	2.75 " "
July 1890	10	1	M	2.75 " "
Jan. 1891	10	1	M	3.00 " "
July 1891	10	1	M	3.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

BLACKSMITHS' HELPERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1864	10	2	M	$1.75 per day.
	10	1	M	1.87½ " "
	10	3	M	2.00 " "
Average	10	6	M	1.89½ " "
Jan. 1865	10	2	M	1.75 " "
	10	1	M	1.87½ " "
	10	3	M	2.00 " "
Average	10	6	M	1.89½ " "
July 1865	10	1	M	2.00 " "
Jan. 1866	10	5	M	2.00 " "
July 1866	10	5	M	2.00 " "
Jan. 1867	10	2	M	2.00 " "
July 1867	10	2	M	2.00 " "
Jan. 1868	10	3	M	2.00 " "
July 1868	10	2	M	2.00 " "
Jan. 1869	10	2	M	2.00 " "
July 1869	10	3	M	2.00 " "
Jan. 1870	10	3	M	2.00 " "
July 1870	10	3	M	2.00 " "
Jan. 1871	10	3	M	2.00 " "
July 1871	10	1	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	3	M	1.96 " "
Jan. 1872	10	3	M	2.00 " "
July 1872	10	3	M	2.00 " "
Jan. 1873	10	3	M	2.00 " "
July 1873	10	2	M	2.00 " "
Jan. 1874	10	2	M	2.00 " "
July 1874	10	1	M	1.87½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.93½ " "
Jan. 1875	10	1	M	2.00 " "
July 1875	10	1	M	2.00 " "
Jan. 1876	10	1	M	2.00 " "
July 1876	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	3	M	1.66½ " "
Jan. 1877	10	3	M	1.50 " "
July 1877	10	2	M	1.50 " "
Jan. 1878	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	2	M	1.43½ " "
July 1878	10	1	M	1.50 " "
Jan. 1879	10	2	M	1.50 " "
July 1879	10	3	M	1.50 " "
Jan. 1880	10	3	M	1.50 " "
July 1880	10	2	M	1.50 " "
Jan. 1881	10	2	M	1.50 " "
July 1881	10	3	M	$1.50 per day.
	10	1	M	1.75 " "
Average	10	4	M	1.56¼ " "
Jan. 1882	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
July 1882	10	1	M	1.50 " "
	10	2	M	1.65 " "
	10	1	M	1.85 " "
Average	10	4	M	1.66½ " "
Jan. 1883	10	1	M	1.65 " "
	10	1	M	1.85 " "
Average	10	2	M	1.75 " "
July 1883	10	1	M	1.65 " "
	10	1	M	1.85 " "
Average	10	2	M	1.75 " "
Jan. 1884	10	1	M	1.65 " "
	10	1	M	1.85 " "
Average	10	2	M	1.75 " "
July 1884	10	1	M	1.65 " "
	10	1	M	1.85 " "
Average	10	2	M	1.75 " "
Jan. 1885	10	2	M	1.65 " "
	10	1	M	1.85 " "
Average	10	3	M	1.71½ " "
July 1885	10	2	M	1.65 " "
	10	1	M	1.85 " "
Average	10	3	M	1.71½ " "
Jan. 1886	10	1	M	1.65 " "
	10	1	M	1.85 " "
Average	10	2	M	1.75 " "
July 1886	10	1	M	1.65 " "
	10	1	M	1.85 " "
Average	10	2	M	1.75 " "
Jan. 1887	10	1	M	1.85 " "
July 1887	10	1	M	1.85 " "
Jan. 1888	10	2	M	1.85 " "
July 1888	10	2	M	1.85 " "
Jan. 1889	10	1	M	1.85 " "
July 1889	10	1	M	1.85 " "
Jan. 1890	10	1	M	1.85 " "
July 1890	10	1	M	1.85 " "
Jan. 1891	10	1	M	1.85 " "
July 1891	10	1	M	1.85 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

ENGINEERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1864	10	1	M	$2.00 per day.	Jan. 1877	10	1	M	$2.00 per day.
Jan. 1865	10	1	M	2.00 " "	July 1877	10	1	M	2.00 " "
July 1865	10	1	M	2.00 " "	Jan. 1878	10	1	M	2.00 " "
					July 1878	10	1	M	2.00 " "
Jan. 1866	10	1	M	2.00 " "	Jan. 1879	10	1	M	2.00 " "
	10	1	M	2.50 " "	July 1879	10	1	M	2.00 " "
					Jan. 1880	10	1	M	2.00 " "
Average	10	2	M	2.25 " "	July 1880	10	1	M	2.00 " "
					Jan. 1881	10	1	M	2.00 " "
July 1866	10	2	M	2.50 " "	July 1881	10	1	M	2.00 " "
Jan. 1867	10	1	M	2.50 " "	Jan. 1882	10	1	M	2.00 " "
July 1867	10	1	M	2.50 " "	July 1882	10	1	M	2.00 " "
Jan. 1868	10	1	M	2.50 " "	Jan. 1883	10	1	M	2.00 " "
July 1868	10	1	M	2.50 " "	July 1883	10	1	M	2.00 " "
Jan. 1869	10	1	M	2.50 " "	Jan. 1884	10	1	M	2.00 " "
July 1869	10	1	M	2.50 " "	July 1884	10	1	M	2.00 " "
Jan. 1870	10	1	M	2.50 " "	Jan. 1885	10	1	M	2.00 " "
July 1870	10	1	M	2.50 " "	July 1885	10	1	M	2.00 " "
Jan. 1871	10	1	M	2.50 " "	Jan. 1886	10	1	M	2.00 " "
July 1871	10	1	M	2.50 " "	July 1886	10	1	M	2.00 " "
Jan. 1872	10	1	M	2.50 " "	Jan. 1887	10	1	M	2.00 " "
July 1872	10	1	M	2.50 " "	July 1887	10	1	M	2.00 " "
Jan. 1873	10	1	M	2.50 " "	Jan. 1888	10	1	M	2.00 " "
July 1873	10	1	M	2.50 " "	July 1888	10	1	M	2.00 " "
Jan. 1874	10	1	M	2.50 " "	Jan. 1889	10	1	M	2.00 " "
July 1874	10	1	M	2.50 " "	July 1889	10	1	M	2.00 " "
Jan. 1875	10	1	M	2.50 " "	Jan. 1890	10	1	M	2.00 " "
July 1875	10	1	M	2.50 " "	July 1890	10	1	M	2.00 " "
Jan. 1876	10	1	M	2.50 " "	Jan. 1891	10	1	M	2.00 " "
July 1876	10	1	M	2.50 " "	July 1891	10	1	M	2.00 " "

LABORERS.

Jan. 1865	10	1	M	1.75 per day.	July 1873–cone'd.	10	1	M	1.87½ per day.
Jan. 1866	10	2	M	1.75 " "		10	2	M	2.00 " "
July 1866	10	2	M	1.75 " "	Average	10	4	M	1.90½ " "
Jan. 1867	10	2	M	1.75 " "					
July 1867	10	2	M	1.75 " "	Jan. 1874	10	1	M	2.00 " "
Jan. 1868	10	1	M	1.75 " "	July 1874	10	1	M	1.87½ " "
July 1868	10	1	M	1.75 " "	Jan. 1875	10	2	M	1.87½ " "
Jan. 1869	10	1	M	1.75 " "	July 1875	10	1	M	1.87½ " "
	10	1	M	1.87½ " "		10	1	M	2.00 " "
Average	10	2	M	1.81½ " "	Average	10	2	M	1.93½ " "
July 1869	10	1	M	1.87½ " "	Jan. 1876	10	1	M	1.75 " "
Jan. 1870	10	1	M	1.75 " "	July 1876	10	1	M	1.75 " "
	10	1	M	2.00 " "	Jan. 1877	10	1	M	1.75 " "
					July 1877	10	1	M	1.75 " "
Average	10	2	M	1.87½ " "	Jan. 1878	10	1	M	1.75 " "
					July 1878	10	1	M	1.75 " "
July 1870	10	1	M	1.75 " "					
	10	1	M	1.87½ " "	Jan. 1879	10	2	M	1.40 " "
	10	2	M	2.00 " "		10	1	M	1.75 " "
Average	10	4	M	1.90½ " "	Average	10	3	M	1.51½ " "
					July 1879	10	4	M	1.50 " "
Jan. 1871	10	1	M	1.87½ " "		10	1	M	1.75 " "
July 1871	10	2	M	2.00 " "					
Jan. 1872	10	2	M	2.00 " "	Average	10	5	M	1.55 " "
July 1872	10	4	M	2.00 " "					
					Jan. 1880	10	3	M	1.50 " "
Jan. 1873	10	1	M	1.75 " "		10	1	M	1.75 " "
	10	1	M	1.87½ " "					
	10	2	M	2.00 " "	Average	10	4	M	1.56½ " "
Average	10	4	M	1.90½ " "	July 1880	10	3	M	1.50 " "
						10	1	M	1.75 " "
July 1873	10	1	M	1.75 " "	Average	10	4	M	1.56½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

LABORERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881	10	3	M	$1.50 per day.	July 1886	10	4	M	$1.50 per day.
	10	1	M	1.75 " "		10	1	M	2.00 " "
Average	10	4	M	1.56½ " "	Average	10	5	M	1.60 " "
July 1881	10	3	M	1.50 " "	Jan. 1887	10	3	M	1.50 " "
	10	1	M	1.75 " "		10	1	M	2.00 " "
Average	10	4	M	1.56½ " "	Average	10	4	M	1.62½ " "
Jan. 1882	10	2	M	1.50 " "	July 1887	10	3	M	1.50 " "
	10	1	M	1.75 " "		10	1	M	2.00 " "
Average	10	3	M	1.58½ " "	Average	10	4	M	1.62½ " "
July 1882	10	2	M	1.50 " "	Jan. 1888	10	2	M	1.50 " "
	10	1	M	1.75 " "		10	1	M	2.00 " "
Average	10	3	M	1.58½ " "	Average	10	3	M	1.66½ " "
Jan. 1883	10	2	M	1.50 " "	July 1888	10	3	M	1.50 " "
	10	1	M	1.75 " "		10	1	M	2.00 " "
Average	10	3	M	1.58½ " "	Average	10	4	M	1.62½ " "
July 1883	10	2	M	1.50 " "	Jan. 1889	10	1	M	1.50 " "
	10	1	M	1.75 " "		10	1	M	2.00 " "
	10	1	M	2.00 " "	Average	10	2	M	1.75 " "
Average	10	4	M	1.68½ " "	July 1889	10	2	M	1.50 " "
Jan. 1884	10	2	M	1.50 " "		10	1	M	2.00 " "
	10	1	M	1.75 " "	Average	10	3	M	1.66½ " "
	10	1	M	2.00 " "	Jan. 1890	10	2	M	1.50 " "
Average	10	4	M	1.68½ " "		10	1	M	2.00 " "
July 1884	10	2	M	1.50 " "	Average	10	3	M	1.66½ " "
	10	1	M	1.75 " "	July 1890	10	1	M	1.50 " "
	10	1	M	2.00 " "		10	1	M	1.75 " "
Average	10	4	M	1.68½ " "		10	1	M	2.25 " "
Jan. 1885	10	5	M	1.50 " "	Average	10	3	M	1.83½ " "
	10	1	M	2.00 " "	Jan. 1891	10	1	M	1.50 " "
Average	10	6	M	1.58½ " "		10	1	M	1.75 " "
July 1885	10	5	M	1.50 " "		10	1	M	2.25 " "
	10	1	M	2.00 " "	Average	10	3	M	1.83½ " "
Average	10	6	M	1.58½ " "	July 1891	10	1	M	1.50 " "
Jan. 1886	10	4	M	1.50 " "		10	1	M	1.75 " "
	10	1	M	2.00 " "		10	1	M	2.25 " "
Average	10	5	M	1.60 " "	Average	10	3	M	1.83½ " "

MACHINISTS.

July 1864	10	1	M	2.12½ per day.	Jan. 1865	10	1	M	2.12½ per day.
	10	1	M	2.37½ " "		10	1	M	2.37½ " "
	10	1	M	2.50 " "		10	1	M	2.50 " "
	10	1	M	2.62½ " "		10	1	M	2.62½ " "
	10	1	M	2.65 " "		10	2	M	2.75 " "
	10	1	M	2.75 " "		10	1	M	2.87½ " "
	10	3	M	3.00 " "		10	3	M	3.00 " "
Average	10	9	M	2.67 " "	Average	10	10	M	2.70 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1865	10	4	M	$2.50 per day.
	10	1	M	2.62½ " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.12½ " "
Average	10	11	M	2.72½ " "
Jan. 1866	10	3	M	2.50 " "
	10	1	M	2.62½ " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.12½ " "
Average	10	9	M	2.72 " "
July 1866	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	2.87½ " "
	10	1	M	3.12½ " "
	10	1	M	3.25 " "
Average	10	8	M	2.83 " "
Jan. 1867	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	3	M	2.75 " "
	10	2	M	2.87½ " "
	10	1	M	3.12½ " "
	10	1	M	3.25 " "
Average	10	9	M	2.83⅓ " "
July 1867	10	3	M	2.62½ " "
	10	4	M	2.75 " "
	10	2	M	2.87½ " "
	10	1	M	3.12½ " "
	10	1	M	3.25 " "
Average	10	11	M	2.82 " "
Jan. 1868	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	2	M	2.75 " "
	10	1	M	2.87½ " "
	10	1	M	3.12½ " "
	10	1	M	3.25 " "
Average	10	7	M	2.84 " "
July 1868	10	2	M	2.75 " "
	10	1	M	2.87½ " "
	10	1	M	3.12½ " "
	10	1	M	3.25 " "
Average	10	5	M	2.95 " "
Jan. 1869	10	1	M	2.62½ " "
	10	4	M	2.75 " "
	10	1	M	2.87½ " "
	10	1	M	3.00 " "
	10	1	M	3.12½ " "
	10	1	M	3.25 " "
Average	10	9	M	2.87½ " "
July 1869	10	1	M	2.50 " "
	10	2	M	2.75 " "
	10	3	M	2.87½ " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	8	M	2.86 " "
Jan. 1870	10	1	M	$2.62½ per day.
	10	1	M	2.75 " "
	10	5	M	2.87½ " "
	10	1	M	3.00 " "
Average	10	8	M	2.84½ " "
July 1870	10	2	M	2.62½ " "
	10	2	M	2.75 " "
	10	4	M	2.87½ " "
	10	3	M	3.00 " "
Average	10	11	M	2.84 " "
Jan. 1871	10	1	M	2.62½ " "
	10	2	M	2.75 " "
	10	4	M	2.87½ " "
	10	4	M	3.00 " "
Average	10	11	M	2.87½ " "
July 1871	10	1	M	2.62½ " "
	10	1	M	2.75 " "
	10	4	M	2.87½ " "
	10	4	M	3.00 " "
Average	10	10	M	2.88⅛ " "
Jan. 1872	10	2	M	2.75 " "
	10	2	M	2.87½ " "
	10	5	M	3.00 " "
	10	1	M	3.12½ " "
Average	10	10	M	2.93½ " "
July 1872	10	2	M	2.75 " "
	10	3	M	2.87½ " "
	10	4	M	3.00 " "
	10	2	M	3.12½ " "
Average	10	11	M	2.94½ " "
Jan. 1873	10	3	M	2.75 " "
	10	3	M	2.87½ " "
	10	5	M	3.00 " "
	10	1	M	3.12½ " "
Average	10	12	M	2.91⅓ " "
July 1873	10	3	M	2.75 " "
	10	4	M	2.87½ " "
	10	6	M	3.00 " "
	10	1	M	3.12½ " "
Average	10	14	M	2.92 " "
Jan. 1874	10	3	M	2.75 " "
	10	3	M	2.87½ " "
	10	5	M	3.00 " "
	10	1	M	3.12½ " "
Average	10	12	M	2.91½ " "
July 1874	10	4	M	2.75 " "
	10	3	M	2.87½ " "
	10	5	M	3.00 " "
	10	1	M	3.12½ " "
Average	10	13	M	2.90½ " "
Jan. 1875	10	4	M	2.75 " "
	10	3	M	2.87½ " "
	10	5	M	3.00 " "
	10	1	M	3.12½ " "
Average	10	13	M	2.90½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10	1	M	$2.25 per day.
	10	2	M	2.50 " "
	10	5	M	2.75 " "
	10	3	M	2.87½ " "
	10	4	M	3.00 " "
Average	10	15	M	2.77½ " "
Jan. 1876	10	1	M	2.00 " "
	10	4	M	2.75 " "
	10	2	M	2.87½ " "
	10	2	M	3.00 " "
Average	10	9	M	2.75 " "
July 1876	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	4	M	2.30 " "
	10	4	M	2.50 " "
Average	10	10	M	2.34 " "
Jan. 1877	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	6	M	2.30 " "
	10	4	M	2.50 " "
Average	10	12	M	2.33½ " "
July 1877	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	5	M	2.30 " "
	10	3	M	2.50 " "
Average	10	11	M	2.31½ " "
Jan. 1878	10	1	M	2.20 " "
	10	3	M	2.30 " "
	10	3	M	2.50 " "
Average	10	7	M	2.37 " "
July 1878	10	1	M	2.20 " "
	10	3	M	2.30 " "
	10	2	M	2.50 " "
Average	10	6	M	2.35 " "
Jan. 1879	10	1	M	2.00 " "
	10	3	M	2.20 " "
	10	2	M	2.25 " "
	10	7	M	2.30 " "
	10	3	M	2.50 " "
Average	10	16	M	2.29½ " "
July 1879	10	1	M	2.00 " "
	10	3	M	2.20 " "
	10	5	M	2.25 " "
	10	3	M	2.30 " "
	10	3	M	2.50 " "
Average	10	15	M	2.28½ " "
Jan. 1880	10	5	M	2.20 " "
	10	5	M	2.25 " "
	10	4	M	2.30 " "
	10	4	M	2.50 " "
Average	10	18	M	2.30½ " "
July 1880	10	1	M	2.20 " "
	10	4	M	2.25 " "
July 1880–conc'd.	10	2	M	$2.30 per day.
	10	4	M	2.50 " "
Average	10	11	M	2.34½ " "
Jan. 1881	10	1	M	2.20 " "
	10	4	M	2.25 " "
	10	2	M	2.30 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
Average	10	11	M	2.37 " "
July 1881	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	2.40 " "
	10	4	M	2.50 " "
	10	4	M	2.75 " "
Average	10	11	M	2.51 " "
Jan. 1882	10	1	M	2.06 " "
	10	1	M	2.20 " "
	10	1	M	2.35 " "
	10	3	M	2.40 " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.46 " "
July 1882	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	2.35 " "
	10	2	M	2.40 " "
	10	2	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.53 " "
Jan. 1883	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	2.35 " "
	10	2	M	2.40 " "
	10	2	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
Average	10	11	M	2.51 " "
July 1883	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
	10	1	M	2.35 " "
	10	3	M	2.40 " "
	10	2	M	2.50 " "
	10	3	M	2.75 " "
Average	10	12	M	2.44 " "
Jan. 1884	10	1	M	2.20 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
	10	3	M	2.75 " "
Average	10	7	M	2.53 " "
July 1884	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	3	M	2.40 " "
	10	3	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1884–conc'd.	10	1	M	$2.60 per day.
	10	3	M	2.75 " "
Average	10	13	M	2.49 " "
Jan. 1885	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	3	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	2.60 " "
	10	3	M	2.75 " "
Average	10	12	M	2.51½ " "
July 1885	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	2.60 " "
	10	5	M	2.75 " "
Average	10	13	M	2.56 " "
Jan. 1886	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
	10	4	M	2.75 " "
Average	10	10	M	2.55 " "
July 1886	10	2	M	2.40 " "
	10	2	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	2.85 " "
	10	3	M	3.00 " "
Average	10	12	M	2.72 " "
Jan. 1887	10	2	M	2.50 " "
	10	4	M	2.75 " "
	10	1	M	2.85 " "
	10	3	M	3.00 " "
Average	10	10	M	2.78½ " "
July 1887	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	3	M	3.00 " "
Average	10	8	M	2.79½ " "
Jan. 1888	10	3	M	$2.50 per day.
	10	3	M	3.00 " "
Average	10	6	M	2.75 " "
July 1888	10	3	M	2.50 " "
	10	3	M	2.75 " "
	10	3	M	3.00 " "
Average	10	9	M	2.75 " "
Jan. 1889	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.85 " "
	10	4	M	3.00 " "
Average	10	8	M	2.82½ " "
July 1889	10	1	M	2.30 " "
	10	2	M	2.50 " "
	10	5	M	2.75 " "
	10	1	M	2.85 " "
	10	2	M	3.00 " "
Average	10	11	M	2.72 " "
Jan. 1890	10	1	M	2.30 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.85 " "
	10	3	M	3.00 " "
Average	10	8	M	2.73½ " "
July 1890	10	1	M	2.30 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	4	M	3.00 " "
Average	10	10	M	2.76½ " "
Jan. 1891	10	1	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	4	M	3.00 " "
Average	10	8	M	2.85½ " "
July 1891	10	1	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.85 " "
	10	4	M	3.00 " "
Average	10	8	M	2.85½ " "

PATTERNMAKERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1864	10	1	M	2.75 per day.
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.16½ " "
Jan. 1865	10	1	M	2.75 " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.16½ " "
July 1865	10	1	M	2.75 " "
Jan. 1866	10	2	M	2.87½ per day.
	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.37½ " "
Average	10	5	M	3.07½ " "
July 1866	10	1	M	2.87½ " "
	10	1	M	3.25 " "
Average	10	2	M	3.06¼ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1867	10	1	M	$2.87½ per day.
	10	2	M	3.25 " "
Average	10	3	M	3.12½ " "
July 1867	10	1	M	2.87½ " "
	10	1	M	3.25 " "
	10	1	M	3.50 " "
Average	10	3	M	3.21 " "
Jan. 1868	10	1	M	3.25 " "
July 1868	10	1	M	3.50 " "
	10	1	M	3.75 " "
Average	10	2	M	3.62½ " "
Jan. 1869	10	1	M	3.00 " "
	10	1	M	3.75 " "
Average	10	2	M	3.37½ " "
July 1869	10	1	M	3.00 " "
	10	1	M	3.75 " "
Average	10	2	M	3.37½ " "
Jan. 1870	10	1	M	3.00 " "
	10	1	M	3.75 " "
Average	10	2	M	3.37½ " "
July 1870	10	1	M	3.00 " "
	10	1	M	3.75 " "
Average	10	2	M	3.37½ " "
Jan. 1871	10	1	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	3.75 " "
Average	10	3	M	3.41½ " "
July 1871	10	1	M	3.00 " "
	10	1	M	3.75 " "
Average	10	2	M	3.37½ " "
Jan. 1872	10	1	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	3.75 " "
Average	10	3	M	3.41½ " "
July 1872	10	1	M	3.00 " "
	10	1	M	3.75 " "
Average	10	2	M	3.37½ " "
Jan. 1873	10	1	M	3.00 " "
	10	1	M	3.75 " "
Average	10	2	M	3.37½ " "
July 1873	10	1	M	3.00 " "
	10	1	M	3.75 " "
Average	10	2	M	3.37½ " "
Jan. 1874	10	1	M	3.00 " "
	10	2	M	3.75 " "
Average	10	3	M	3.50 " "
July 1874	10	1	M	$3.00 per day.
	10	1	M	3.50 " "
	10	2	M	3.75 " "
Average	10	4	M	3.50 " "
Jan. 1875	10	1	M	3.00 " "
	10	1	M	3.50 " "
	10	1	M	3.75 " "
Average	10	3	M	3.41½ " "
July 1875	10	1	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.75 " "
Average	10	3	M	3.33½ " "
Jan. 1876	10	1	M	3.00 " "
	10	1	M	3.75 " "
Average	10	2	M	3.37½ " "
July 1876	10	1	M	3.00 " "
	10	1	M	3.40 " "
Average	10	2	M	3.20 " "
Jan. 1877	10	1	M	3.00 " "
	10	1	M	3.40 " "
Average	10	2	M	3.20 " "
July 1877	10	1	M	3.40 " "
Jan. 1878	10	1	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.40 " "
Average	10	3	M	2.96½ " "
July 1878	10	1	M	2.50 " "
	10	1	M	3.40 " "
Average	10	2	M	2.95 " "
Jan. 1879	10	1	M	2.50 " "
	10	1	M	3.40 " "
Average	10	2	M	2.95 " "
July 1879	10	2	M	2.50 " "
	10	1	M	3.40 " "
Average	10	3	M	2.80 " "
Jan. 1880	10	1	M	2.50 " "
	10	1	M	3.40 " "
Average	10	2	M	2.95 " "
July 1880	10	1	M	2.50 " "
	10	1	M	3.40 " "
Average	10	2	M	2.95 " "
Jan. 1881	10	1	M	2.50 " "
	10	1	M	3.40 " "
Average	10	2	M	2.95 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Concluded.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1881	10	1	M	$2.50 per day.	July 1886	10	1	M	$2.75 per day.
	10	1	M	3.40 " "		10	1	M	3.40 " "
Average	10	2	M	2.95 " "	Average	10	2	M	3.07½ " "
Jan. 1882	10	1	M	2.50 " "	Jan. 1887	10	1	M	2.75 " "
	10	1	M	3.40 " "		10	2	M	3.40 " "
Average	10	2	M	2.95 " "	Average	10	3	M	3.18½ " "
July 1882	10	1	M	2.65 " "					
	10	1	M	3.40 " "	July 1887	10	1	M	2.75 " "
						10	1	M	3.40 " "
Average	10	2	M	3.02½ " "	Average	10	2	M	3.07½ " "
Jan. 1883	10	1	M	2.65 " "					
	10	1	M	3.25 " "	Jan. 1888	10	1	M	2.75 " "
						10	1	M	3.40 " "
Average	10	2	M	2.95 " "	Average	10	2	M	3.07½ " "
July 1883	10	1	M	2.50 " "					
	10	1	M	2.65 " "	July 1888	10	1	M	2.75 " "
	10	1	M	3.25 " "		10	1	M	3.40 " "
Average	10	3	M	2.80 " "	Average	10	2	M	3.07½ " "
Jan. 1884	10	1	M	2.65 " "					
	10	1	M	3.40 " "	Jan. 1889	10	1	M	3.40 " "
Average	10	2	M	3.02½ " "	July 1889	10	1	M	2.75 " "
July 1884	10	1	M	2.65 " "		10	1	M	3.40 " "
	10	1	M	3.25 " "	Average	10	2	M	3.07½ " "
	10	2	M	3.40 " "					
Average	10	4	M	3.17½ " "	Jan. 1890	10	1	M	2.75 " "
Jan. 1885	10	1	M	2.65 " "		10	2	M	3.40 " "
	10	2	M	3.40 " "	Average	10	3	M	3.18½ " "
Average	10	3	M	3.15 " "	July 1890	10	2	M	3.40 " "
July 1885	10	1	M	2.65 " "	Jan. 1891	10	1	M	2.75 " "
	10	2	M	3.40 " "		10	2	M	3.40 " "
Average	10	3	M	3.15 " "	Average	10	3	M	3.18½ " "
Jan. 1886	10	1	M	2.75 " "	July 1891	10	1	M	2.75 " "
	10	2	M	3.40 " "		10	2	M	3.40 " "
Average	10	3	M	3.18½ " "	Average	10	3	M	3.18½ " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 65, NEW JERSEY.

BLACKSMITHS.

Jan. 1857	10	1	M	1.87½ per day.	July 1874	10	1	M	2.75 per day.
July 1857	10	1	M	1.75 " "	Jan. 1875	10	1	M	2.75 " "
Jan. 1858	10	1	M	1.50 " "	July 1875	10	1	M	2.75 " "
July 1858	10	1	M	1.75 " "	Jan. 1876	10	1	M	2.75 " "
Jan. 1859	10	1	M	2.00 " "	July 1876	10	1	M	2.75 " "
July 1859	10	1	M	1.87 " "	Jan. 1877	10	1	M	2.75 " "
Jan. 1863	10	1	M	1.66 " "	July 1877	10	1	M	2.75 " "
July 1864	10	1	M	2.00 " "	Jan. 1878	10	1	M	2.75 " "
Jan. 1865	10	1	M	2.16 " "	July 1878	10	1	M	2.75 " "
July 1865	10	1	M	2.16 " "	Jan. 1879	10	1	M	2.75 " "
Jan. 1867	10	1	M	2.00 " "	July 1879	10	1	M	2.75 " "
July 1867	10	1	M	2.00 " "	Jan. 1880	10	1	M	2.75 " "
Jan. 1868	10	1	M	2.00 " "	July 1880	10	1	M	2.75 " "
July 1873	10	1	M	2.75 " "	Jan. 1881	10	1	M	2.75 " "
Jan. 1874	10	1	M	2.75 " "	July 1881	10	1	M	2.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 65, NEW JERSEY—Continued.

BLACKSMITHS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	10	1	M	$2.75 per day.	July 1887	10	1	M	$2.50 per day.
July 1882	10	1	M	2.75 " "		10	1	M	2.83⅓ " "
Jan. 1883	10	1	M	2.83⅓ " "					
July 1883	10	1	M	2.83⅓ " "	Average	10	2	M	2.66⅔ " "
Jan. 1884	10	1	M	2.83⅓ " "					
July 1884	10	1	M	2.83⅓ " "					
Jan. 1885	10	1	M	2.83⅓ " "					
July 1885	10	1	M	2.83⅓ " "	Jan. 1888	10	1	M	2.50 " "
Jan. 1886	10	1	M	2.83⅓ " "	July 1888	10	1	M	2.50 " "
July 1886	10	1	M	2.83⅓ " "	Jan. 1889	10	1	M	2.50 " "
					July 1889	10	1	M	2.50 " "
Jan. 1887	10	1	M	2.50 " "	Jan. 1890	10	1	M	2.50 " "
	10	1	M	2.83⅓ " "	July 1890	10	1	M	2.50 " "
					Jan. 1891	10	1	M	2.50 " "
Average	10	2	M	2.66⅔ " "	July 1891	10	1	M	2.50 " "

CARPENTERS.

July 1864	10	1	M	2.00 per day.	Jan. 1878	10	1	M	2.67 per day.
Jan. 1865	10	1	M	2.00 " "	July 1878	10	1	M	2.67 " "
July 1865	10	1	M	2.12 " "	Jan. 1879	10	1	M	2.67 " "
Jan. 1866	10	1	M	2.30 " "	July 1879	10	1	M	2.67 " "
July 1866	10	1	M	2.50 " "	Jan. 1880	10	1	M	2.67 " "
Jan. 1867	10	1	M	2.50 " "	July 1880	10	1	M	2.67 " "
July 1867	10	1	M	2.50 " "	July 1881	10	1	M	2.50 " "
Jan. 1868	10	1	M	2.50 " "	Jan. 1882	10	1	M	2.50 " "
July 1868	10	1	M	2.50 " "	July 1882	10	1	M	2.50 " "
Jan. 1869	10	1	M	2.50 " "	Jan. 1883	10	1	M	2.50 " "
July 1869	10	1	M	2.50 " "	July 1883	10	1	M	2.50 " "
Jan. 1870	10	1	M	2.50 " "	Jan. 1884	10	1	M	2.66⅔ " "
July 1870	10	1	M	2.50 " "	July 1884	10	1	M	2.66⅔ " "
Jan. 1871	10	1	M	2.50 " "	Jan. 1885	10	1	M	2.66⅔ " "
July 1871	10	1	M	2.50 " "	July 1885	10	1	M	2.66⅔ " "
Jan. 1872	10	1	M	2.50 " "	Jan. 1886	10	1	M	2.66⅔ " "
July 1872	10	1	M	2.50 " "	Jan. 1887	10	1	M	2.66⅔ " "
Jan. 1873	10	1	M	2.50 " "	July 1887	10	1	M	2.66⅔ " "
July 1873	10	1	M	2.50 " "	Jan. 1888	10	1	M	2.66⅔ " "
Jan. 1874	10	1	M	2.67 " "	July 1888	10	1	M	2.66⅔ " "
July 1874	10	1	M	2.67 " "	Jan. 1889	10	1	M	2.66⅔ " "
Jan. 1875	10	1	M	2.67 " "	July 1889	10	1	M	3.00 " "
July 1875	10	1	M	2.67 " "	Jan. 1890	10	1	M	3.00 " "
Jan. 1876	10	1	M	2.67 " "	July 1890	10	1	M	3.00 " "
July 1876	10	1	M	2.67 " "	Jan. 1891	10	1	M	3.00 " "
Jan. 1877	10	1	M	2.67 " "	July 1891	10	1	M	3.00 " "
July 1877	10	1	M	2.67 " "					

FOREMEN, MACHINISTS.

Jan. 1856	10	1	M	3.00 per day.	Jan. 1870	10	1	M	4.16⅔ per day.
July 1856	10	1	M	3.00 " "	July 1870	10	1	M	4.16⅔ " "
Jan. 1857	10	1	M	3.00 " "	Jan. 1871	10	1	M	4.16⅔ " "
July 1857	10	1	M	3.00 " "	July 1871	10	1	M	4.16⅔ " "
July 1858	10	1	M	3.00 " "	Jan. 1872	10	1	M	4.16⅔ " "
Jan. 1859	10	1	M	3.00 " "	July 1872	10	1	M	4.16⅔ " "
July 1859	10	1	M	3.00 " "	Jan. 1873	10	1	M	4.16⅔ " "
Jan. 1863	10	1	M	3.00 " "	July 1873	10	1	M	4.16⅔ " "
July 1863	10	1	M	3.00 " "	Jan. 1874	10	1	M	4.16⅔ " "
Jan. 1864	10	1	M	3.00 " "	July 1874	10	1	M	4.16⅔ " "
July 1864	10	1	M	3.33⅓ " "	Jan. 1875	10	1	M	4.16⅔ " "
Jan. 1865	10	1	M	4.16⅔ " "	July 1875	10	1	M	5.00 " "
July 1865	10	1	M	4.16⅔ " "	Jan. 1876	10	1	M	5.00 " "
Jan. 1866	10	1	M	4.16⅔ " "	July 1876	10	1	M	5.00 " "
July 1866	10	1	M	4.16⅔ " "	Jan. 1877	10	1	M	5.00 " "
Jan. 1867	10	1	M	4.16⅔ " "	July 1877	10	1	M	5.00 " "
July 1867	10	1	M	4.16⅔ " "	Jan. 1878	10	1	M	5.00 " "
Jan. 1868	10	1	M	4.16⅔ " "	July 1878	10	1	M	5.00 " "
July 1868	10	1	M	4.16⅔ " "	Jan. 1879	10	1	M	4.16⅔ " "
Jan. 1869	10	1	M	4.16⅔ " "	July 1879	10	1	M	4.16⅔ " "
July 1869	10	1	M	4.16⅔ " "	Jan. 1880	10	1	M	4.16⅔ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 65, NEW JERSEY—Continued.

FOREMEN, MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880	10	1	M	$4.16½ per day.	July 1886	10	1	M	$4.00 per day.
Jan. 1881	10	1	M	4.16½ " "	Jan. 1887	10	1	M	4.00 " "
July 1881	10	1	M	4.16½ " "	July 1887	10	1	M	4.16½ " "
Jan. 1882	10	1	M	4.16½ " "	Jan. 1888	10	1	M	4.16½ " "
July 1882	10	1	M	4.16½ " "	July 1888	10	1	M	4.16½ " "
Jan. 1883	10	1	M	4.16½ " "	Jan. 1889	10	1	M	4.16½ " "
Jan. 1884	10	1	M	4.00 " "	July 1889	10	1	M	4.16½ " "
July 1884	10	1	M	4.00 " "	Jan. 1890	10	1	M	4.16½ " "
Jan. 1885	10	1	M	4.00 " "	July 1890	10	1	M	4.16½ " "
July 1885	10	1	M	4.00 " "	Jan. 1891	10	1	M	4.16½ " "
Jan. 1886	10	1	M	4.00 " "	July 1891	10	1	M	4.16½ " "

MACHINISTS.

Jan. 1856	10	2	M	1.33 per day.	July 1863	10	1	M	1.50 per day.
	10	1	M	1.66 " "		10	3	M	1.75 " "
	10	1	M	1.75 " "		10	3	M	2.00 " "
	10	1	M	1.87½ " "					
					Average	10	7	M	1.82 " "
Average	10	5	M	1.59 " "					
					Jan. 1864	10	7	M	1.75 " "
July 1856	10	1	M	1.33 " "		10	4	M	2.00 " "
	10	3	M	1.50 " "		10	1	M	2.25 " "
	10	1	M	1.62½ " "					
	10	1	M	1.66 " "	Average	10	12	M	1.87½ " "
	10	3	M	1.75 " "					
	10	1	M	1.87 " "	July 1864	10	1	M	1.62 " "
	10	1	M	2.00 " "		10	2	M	1.75 " "
						10	2	M	2.00 " "
Average	10	11	M	1.66 " "		10	2	M	2.12 " "
						10	4	M	2.25 " "
Jan. 1857	10	1	M	1.33 " "		10	2	M	2.38 " "
	10	1	M	1.75 " "		10	3	M	2.50 " "
	10	2	M	2.00 " "		10	1	M	2.62 " "
Average	10	4	M	1.77 " "	Average	10	17	M	2.19 " "
July 1857	10	1	M	1.33 " "	Jan. 1865	10	1	M	1.62 " "
	10	6	M	1.50 " "		10	1	M	1.75 " "
	10	1	M	1.66 " "		10	1	M	1.83 " "
	10	1	M	1.75 " "		10	3	M	2.00 " "
	10	3	M	2.00 " "		10	3	M	2.25 " "
	10	1	M	2.25 " "		10	1	M	2.38 " "
						10	2	M	2.40 " "
Average	10	13	M	1.69 " "		10	3	M	2.62 " "
Jan. 1858	10	3	M	1.50 " "	Average	10	15	M	2.20 " "
	10	1	M	2.00 " "					
					July 1865	10	1	M	1.66 " "
Average	10	4	M	1.62½ " "		10	2	M	1.83 " "
						10	2	M	2.00 " "
July 1858	10	1	M	1.25 " "		10	1	M	2.12 " "
	10	1	M	1.38 " "		10	2	M	2.25 " "
	10	1	M	1.50 " "		10	1	M	2.32 " "
	10	4	M	2.00 " "		10	2	M	2.38 " "
						10	4	M	2.50 " "
Average	10	7	M	1.73½ " "		10	1	M	2.62 " "
						10	1	M	2.66 " "
Jan. 1859	10	1	M	1.50 " "					
	10	3	M	2.00 " "	Average	10	17	M	2.25½ " "
Average	10	4	M	1.87½ " "	Jan. 1866	10	1	M	1.75 " "
						10	2	M	2.00 " "
July 1859	10	3	M	2.00 " "		10	3	M	2.25 " "
						10	2	M	2.38 " "
Jan. 1863	10	2	M	1.50 " "		10	5	M	2.50 " "
	10	1	M	1.62 " "		10	1	M	2.62 " "
	10	4	M	1.75 " "		10	1	M	2.66 " "
	10	1	M	1.88 " "		10	1	M	2.83 " "
	10	1	M	2.00 " "		10	1	M	3.00 " "
Average	10	9	M	1.72 " "	Average	10	17	M	2.40½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 65, NEW JERSEY—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866	10	1	M	$1.87½ per day.
	10	3	M	2.00 " "
	10	1	M	2.17 " "
	10	1	M	2.25 " "
	10	2	M	2.38 " "
	10	5	M	2.50 " "
	10	2	M	2.62 " "
	10	2	M	2.67 " "
	10	1	M	2.75 " "
	10	1	M	3.12½ " "
Average	10	19	M	2.42 " "
Jan. 1867	10	2	M	2.00 " "
	10	1	M	2.17 " "
	10	3	M	2.50 " "
	10	1	M	2.62½ " "
	10	2	M	2.67 " "
Average	10	9	M	2.40½ " "
July 1867	10	2	M	2.00 " "
	10	1	M	2.17 " "
	10	3	M	2.50 " "
	10	2	M	2.67 " "
Average	10	8	M	2.37½ " "
Jan. 1868	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	3	M	2.50 " "
	10	1	M	2.67 " "
Average	10	6	M	2.38½ " "
July 1868	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	3	M	2.50 " "
	10	1	M	2.67 " "
Average	10	6	M	2.38½ " "
Jan. 1869	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.67 " "
Average	10	6	M	2.40½ " "
July 1869	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.67 " "
Average	10	6	M	2.40½ " "
Jan. 1870	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.67 " "
Average	10	6	M	2.40½ " "
July 1870	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.67 " "
Average	10	6	M	2.40½ " "
Jan. 1871	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	3	M	2.50 " "
	10	1	M	2.67 " "
Average	10	6	M	2.38½ " "
July 1871	10	1	M	$2.00 per day.
	10	1	M	2.08 " "
	10	2	M	2.12½ " "
	10	1	M	2.17 " "
	10	1	M	2.33 " "
	10	3	M	2.50 " "
	10	1	M	2.62 " "
	10	2	M	2.67 " "
	10	1	M	2.83 " "
Average	10	13	M	2.39½ " "
Jan. 1872	10	1	M	2.00 " "
	10	1	M	2.08 " "
	10	2	M	2.12½ " "
	10	2	M	2.17 " "
	10	1	M	2.33 " "
	10	3	M	2.50 " "
	10	1	M	2.62 " "
	10	2	M	2.67 " "
	10	1	M	2.83 " "
Average	10	14	M	2.38 " "
July 1872	10	3	M	2.00 " "
	10	3	M	2.12½ " "
	10	1	M	2.21 " "
	10	1	M	2.33 " "
	10	1	M	2.40 " "
	10	1	M	2.42 " "
	10	3	M	2.50 " "
	10	1	M	2.62 " "
	10	1	M	2.67 " "
	10	1	M	2.83 " "
Average	10	16	M	2.33½ " "
Jan. 1873	10	5	M	2.12½ " "
	10	1	M	2.33 " "
	10	3	M	2.50 " "
	10	1	M	2.62 " "
	10	1	M	2.67 " "
	10	1	M	2.83 " "
Average	10	12	M	2.38 " "
July 1873	10	3	M	2.12½ " "
	10	2	M	2.33 " "
	10	3	M	2.50 " "
	10	1	M	2.62 " "
	10	1	M	2.67 " "
	10	1	M	2.83 " "
Average	10	11	M	2.42½ " "
Jan. 1874	10	3	M	2.12½ " "
	10	2	M	2.33 " "
	10	3	M	2.50 " "
	10	1	M	2.62 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	11	M	2.44 " "
July 1874	10	1	M	2.12½ " "
	10	3	M	2.50 " "
	10	1	M	2.62 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	7	M	2.56 " "
Jan. 1875	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	4	M	2.50 " "
	10	1	M	2.62 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 65, NEW JERSEY—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1875–conc'd.	10	1	M	$2.75 per day.
	10	1	M	2.92 " "
Average	10	9	M	2.49 " "
July 1875	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	5	M	2.50 " "
	10	1	M	2.62 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	10	M	2.49 " "
Jan. 1876	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	4	M	2.50 " "
	10	1	M	2.62 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	9	M	2.49 " "
July 1876	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	4	M	2.50 " "
	10	1	M	2.62 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	9	M	2.49 " "
Jan. 1877	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	6	M	2.46½ " "
July 1877	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	6	M	2.46½ " "
Jan. 1878	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	6	M	2.46½ " "
July 1878	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	6	M	2.46½ " "
Jan. 1879	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	7	M	2.43½ " "
July 1879	10	1	M	2.00 " "
	10	1	M	2.12½ " "
July 1879–conc'd.	10	1	M	$2.25 per day.
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	7	M	2.43½ " "
Jan. 1880	10	2	M	2.12½ " "
	10	1	M	2.33 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	7	M	2.46½ " "
July 1880	10	2	M	2.12½ " "
	10	1	M	2.33 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	7	M	2.46½ " "
Jan. 1881	10	2	M	2.12½ " "
	10	1	M	2.15 " "
	10	1	M	2.33 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	8	M	2.42½ " "
July 1881	10	2	M	2.12½ " "
	10	1	M	2.15 " "
	10	1	M	2.33 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	8	M	2.42½ " "
Jan. 1882	10	1	M	2.00 " "
	10	3	M	2.12½ " "
	10	1	M	2.16 " "
	10	1	M	2.33 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	10	M	2.35½ " "
July 1882	10	2	M	2.12½ " "
	10	1	M	2.16 " "
	10	1	M	2.25 " "
	10	1	M	2.33½ " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	2.92 " "
Average	10	10	M	2.41½ " "
Jan. 1883	10	1	M	2.16½ " "
	10	1	M	2.25 " "
	10	4	M	2.50 " "
	10	3	M	2.83½ " "
	10	1	M	3.00 " "
Average	10	10	M	2.59 " "
July 1883	10	1	M	2.16½ " "
	10	1	M	2.50 " "
	10	1	M	2.58½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 65, NEW JERSEY—Concluded.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883–conc'd.	10	2	M	$2.83½ per day.	July 1887	10	1	M	$2.00 per day.
	10	1	M	3.00 " "		10	4	M	2.50 " "
						10	2	M	3.00 " "
Average	10	6	M	2.65½ " "	Average	10	7	M	2.57 " "
Jan. 1884	10	1	M	2.16½ " "	Jan. 1888	10	2	M	2.50 " "
	10	2	M	2.50 " "		10	1	M	2.66½ " "
	10	1	M	2.58½ " "		10	2	M	3.00 " "
	10	1	M	2.83½ " "					
	10	1	M	3.00 " "	Average	10	5	M	2.73½ " "
Average	10	6	M	2.59½ " "	July 1888	10	2	M	2.50 " "
July 1884	10	1	M	2.16½ " "		10	1	M	2.66½ " "
	10	2	M	2.50 " "		10	2	M	3.00 " "
	10	1	M	2.58½ " "					
	10	2	M	3.00 " "	Average	10	5	M	2.73½ " "
Average	10	6	M	2.62½ " "	Jan. 1889	10	2	M	2.50 " "
Jan. 1885	10	1	M	2.16½ " "		10	1	M	2.66½ " "
	10	2	M	2.50 " "		10	2	M	3.00 " "
	10	1	M	2.58½ " "					
	10	1	M	3.00 " "	Average	10	5	M	2.73½ " "
Average	10	5	M	2.55 " "	July 1889	10	2	M	2.50 " "
						10	1	M	2.66½ " "
July 1885	10	1	M	2.16½ " "		10	2	M	3.00 " "
	10	2	M	2.50 " "	Average	10	5	M	2.73½ " "
	10	1	M	2.58½ " "	Jan. 1890	10	2	M	2.50 " "
	10	1	M	3.00 " "		10	1	M	2.66½ " "
						10	2	M	3.00 " "
Average	10	5	M	2.55 " "					
					Average	10	5	M	2.73½ " "
Jan. 1886	10	1	M	2.00 " "	July 1890	10	2	M	2.50 " "
	10	4	M	2.50 " "		10	1	M	2.66½ " "
	10	1	M	3.00 " "		10	2	M	3.00 " "
Average	10	6	M	2.50 " "	Average	10	5	M	2.73½ " "
July 1886	10	1	M	2.00 " "	Jan. 1891	10	2	M	2.50 " "
	10	4	M	2.50 " "		10	1	M	2.66½ " "
	10	1	M	3.00 " "		10	2	M	3.00 " "
Average	10	6	M	2.50 " "	Average	10	5	M	2.73½ " "
Jan. 1887	10	1	M	2.00 " "	July 1891	10	2	M	2.50 " "
	10	4	M	2.50 " "		10	1	M	2.66½ " "
	10	2	M	3.00 " "		10	2	M	3.00 " "
Average	10	7	M	2.57 " "	Average	10	5	M	2.73½ " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK.

COREMAKERS.

Jan. 1859	10	1	M	1.25 per day.	July 1864	10	1	M	1.50 per day.
July 1859	10	1	M	1.25 " "	Jan. 1865	10	1	M	1.50 " "
Jan. 1860	10	1	M	1.25 " "	July 1865	10	1	M	1.50 " "
July 1860	10	1	M	1.25 " "	Jan. 1866	10	1	M	1.50 " "
Jan. 1861	10	1	M	1.25 " "	July 1866	10	1	M	1.50 " "
July 1861	10	1	M	1.25 " "	Jan. 1867	10	1	M	1.50 " "
Jan. 1862	10	1	M	1.25 " "	July 1867	10	1	M	1.66⅔ " "
July 1862	10	1	M	1.25 " "	Jan. 1868	10	1	M	1.66⅔ " "
Jan. 1863	10	1	M	1.25 " "	July 1868	10	1	M	1.66⅔ " "
July 1863	10	1	M	1.25 " "	Jan. 1869	10	1	M	1.66⅔ " "
Jan. 1864	10	1	M	1.25 " "	July 1869	10	1	M	1.66⅔ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

COREMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1870	10	1	M	$1.66½ per day.
July 1870	10	1	M	1.66½ " "
Jan. 1871	10	1	M	1.66½ " "
July 1871	10	1	M	1.66½ " "
Jan. 1872	10	1	M	1.66½ " "
July 1872	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
Jan. 1873	10	1	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	2	M	1.79½ " "
July 1873	10	1	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	2	M	1.79½ " "
Jan. 1874	10	1	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	2	M	1.79½ " "
July 1874	10	1	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	2	M	1.79½ " "
Jan. 1875	10	1	M	$1.83½ per day.
Jan. 1879	10	1	M	1.50 " "
July 1879	10	1	M	1.50 " "
Jan. 1880	10	1	M	1.50 " "
July 1880	10	1	M	1.50 " "
Jan. 1881	10	1	M	1.50 " "
July 1881	10	1	M	1.50 " "
Jan. 1882	10	1	M	1.50 " "
July 1882	10	2	M	1.50 " "
Jan. 1883	10	3	M	1.50 " "
July 1883	10	3	M	1.50 " "
Jan. 1884	10	2	M	1.50 " "
July 1884	10	1	M	1.50 " "
Jan. 1885	10	1	M	1.50 " "
July 1885	10	2	M	1.25 " "
Jan. 1886	10	3	M	1.25 " "
July 1886	10	3	M	1.50 " "
Jan. 1887	10	2	M	1.50 " "
July 1887	10	2	M	1.50 " "
Jan. 1888	10	2	M	1.50 " "
July 1888	10	2	M	1.50 " "
Jan. 1889	10	2	M	1.50 " "
July 1889	10	2	M	1.50 " "
Jan. 1890	10	2	M	1.50 " "
July 1890	10	3	M	1.50 " "
Jan. 1891	10	3	M	1.50 " "
July 1891	10	3	M	1.50 " "

CUPOLAMEN.

July 1858	10	3	M	1.00 per day.
	10	1	M	1.16½ " "
Average	10	4	M	1.04 " "
Jan. 1859	10	2	M	1.00 " "
	10	1	M	1.16½ " "
Average	10	3	M	1.05½ " "
July 1859	10	2	M	1.00 " "
	10	1	M	1.16½ " "
Average	10	3	M	1.05½ " "
Jan. 1860	10	2	M	1.00 " "
	10	1	M	1.16½ " "
Average	10	3	M	1.05½ " "
July 1860	10	2	M	1.00 " "
	10	1	M	1.16½ " "
Average	10	3	M	1.05½ " "
Jan. 1861	10	2	M	1.00 " "
	10	1	M	1.16½ " "
Average	10	3	M	1.05½ " "
July 1861	10	1	M	1.00 " "
	10	1	M	1.16½ " "
Average	10	2	M	1.08½ " "
Jan. 1862	10	1	M	1.00 " "
	10	1	M	1.16½ " "
Average	10	2	M	1.08½ " "
July 1862	10	1	M	1.00 per day.
	10	1	M	1.16½ " "
Average	10	2	M	1.08½ " "
Jan. 1863	10	2	M	1.16½ " "
July 1863	10	2	M	1.16½ " "
Jan. 1864	10	1	M	1.16½ " "
	10	1	M	1.25 " "
Average	10	2	M	1.20½ " "
July 1864	10	1	M	1.16½ " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	3	M	1.34½ " "
Jan. 1865	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	2	M	1.43½ " "
July 1865	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	2	M	1.43½ " "
Jan. 1866	10	2	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	3	M	1.41½ " "
July 1866	10	2	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	3	M	1.41½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

CUPOLAMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1867	10	2	M	$1.37½ per day.
	10	1	M	1.50 " "
Average	10	3	M	1.41½ " "
July 1867	10	1	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	3	M	1.61 " "
Jan. 1868	10	1	M	1.50 " "
	10	2	M	1.66½ " "
Average	10	3	M	1.61 " "
July 1868	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
Jan. 1869	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
July 1869	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
Jan. 1870	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
July 1870	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
Jan. 1871	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
July 1871	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
Jan. 1872	10	1	M	1.66½ " "
	10	1	M	1.83½ " "
Average	10	2	M	1.75 " "
July 1872	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.91½ " "
Jan. 1873	10	1	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	2	M	1.79½ " "
July 1873	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.91½ " "
Jan. 1874	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.91½ " "
July 1874	10	1	M	$1.83½ per day.
	10	1	M	2.00 " "
Average	10	2	M	1.91½ " "
Jan. 1875	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.91½ " "
July 1875	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	2	M	1.91½ " "
Jan. 1876	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
July 1876	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
Jan. 1877	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
July 1877	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
Jan. 1878	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
July 1878	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
Jan. 1879	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
July 1879	10	1	M	1.25 " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	3	M	1.55½ " "
Jan. 1880	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.54 " "
July 1880	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
Jan. 1881	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.70½ " "
July 1881	10	1	M	1.66½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

CUPOLAMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	10	1	M	$1.66½ per day.	Jan. 1888	10	2	M	$1.66½ per day.
July 1882	10	2	M	1.66½ " "		10	1	M	1.75 " "
Jan. 1883	10	1	M	1.50 " "	Average	10	3	M	1.69½ " "
	10	2	M	1.66½ " "	July 1888	10	1	M	1.50 " "
Average	10	3	M	1.61 " "		10	2	M	1.66½ " "
July 1883	10	1	M	1.50 " "		10	1	M	1.75 " "
	10	2	M	1.66½ " "	Average	10	4	M	1.64½ " "
Average	10	3	M	1.61 " "	Jan. 1889	10	1	M	1.50 " "
Jan. 1884	10	1	M	1.50 " "		10	2	M	1.66½ " "
	10	2	M	1.66½ " "		10	1	M	1.75 " "
Average	10	3	M	1.61 " "	Average	10	4	M	1.64½ " "
July 1884	10	1	M	1.25 " "	July 1889	10	1	M	1.50 " "
	10	2	M	1.66½ " "		10	2	M	1.66½ " "
Average	10	3	M	1.52½ " "		10	1	M	1.75 " "
Jan. 1885	10	2	M	1.66½ " "	Average	10	4	M	1.64½ " "
July 1885	10	1	M	1.25 " "	Jan. 1890	10	1	M	1.50 " "
	10	2	M	1.66½ " "		10	3	M	1.66½ " "
Average	10	3	M	1.52½ " "		10	1	M	1.75 " "
Jan. 1886	10	2	M	1.25 " "	Average	10	5	M	1.65 " "
	10	2	M	1.66½ " "	July 1890	10	1	M	1.50 " "
Average	10	4	M	1.45½ " "		10	3	M	1.66½ " "
July 1886	10	2	M	1.50 " "		10	1	M	1.75 " "
	10	3	M	1.66½ " "	Average	10	5	M	1.65 " "
Average	10	5	M	1.60 " "	Jan. 1891	10	1	M	1.50 " "
Jan. 1887	10	2	M	1.50 " "		10	3	M	1.66½ " "
	10	3	M	1.66½ " "		10	1	M	1.75 " "
Average	10	5	M	1.60 " "	Average	10	5	M	1.65 " "
July 1887	10	2	M	1.66½ " "	July 1891	10	1	M	1.50 " "
	10	1	M	1.75 " "		10	3	M	1.66½ " "
Average	10	3	M	1.69½ " "		10	1	M	1.75 " "
					Average	10	5	M	1.65 " "

ENGINEERS.

July 1858	10	1	M	1.00 per day.	July 1868	10	1	M	1.66½ per day.
Jan. 1859	10	1	M	1.00 " "	Jan. 1869	10	1	M	1.66½ " "
July 1859	10	1	M	1.00 " "	July 1869	10	1	M	1.66½ " "
Jan. 1860	10	1	M	1.00 " "	Jan. 1870	10	1	M	1.66½ " "
July 1860	10	1	M	1.00 " "	July 1870	10	1	M	1.66½ " "
Jan. 1861	10	1	M	1.00 " "	Jan. 1871	10	1	M	1.66½ " "
July 1861	10	1	M	1.00 " "	July 1871	10	1	M	1.66½ " "
Jan. 1862	10	1	M	1.00 " "	Jan. 1872	10	1	M	1.66½ " "
July 1862	10	1	M	1.00 " "	July 1872	10	1	M	2.00 " "
Jan. 1863	10	1	M	1.00 " "	Jan. 1873	10	1	M	2.00 " "
July 1863	10	1	M	1.00 " "	July 1873	10	1	M	2.00 " "
Jan. 1864	10	1	M	1.16½ " "	Jan. 1874	10	1	M	2.00 " "
July 1864	10	1	M	1.50 " "	July 1874	10	1	M	2.00 " "
Jan. 1865	10	1	M	1.50 " "	Jan. 1875	10	1	M	2.00 " "
July 1865	10	1	M	1.50 " "	July 1875	10	1	M	2.00 " "
Jan. 1866	10	1	M	1.50 " "	Jan. 1876	10	1	M	2.00 " "
July 1866	10	1	M	1.50 " "	July 1876	10	1	M	2.00 " "
Jan. 1867	10	1	M	1.50 " "	Jan. 1877	10	1	M	2.00 " "
July 1867	10	1	M	1.66½ " "	July 1877	10	1	M	2.00 " "
Jan. 1868	10	1	M	1.66½ " "	Jan. 1878	10	1	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

ENGINEERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1878	10	1	M	$2.00 per day.	July 1885	10	1	M	$1.66⅔ per day.
Jan. 1879	10	1	M	1.66⅔ " "	Jan. 1886	10	1	M	1.66⅔ " "
July 1879	10	1	M	1.66⅔ " "	July 1886	10	1	M	1.66⅔ " "
Jan. 1880	10	1	M	1.66⅔ " "	Jan. 1887	10	1	M	1.66⅔ " "
July 1880	10	1	M	1.66⅔ " "	July 1887	10	1	M	1.66⅔ " "
Jan. 1881	10	1	M	1.66⅔ " "	Jan. 1888	10	1	M	1.66⅔ " "
July 1881	10	1	M	1.66⅔ " "	July 1888	10	1	M	1.66⅔ " "
Jan. 1882	10	1	M	1.66⅔ " "	Jan. 1889	10	1	M	1.66⅔ " "
July 1882	10	1	M	1.66⅔ " "	July 1889	10	1	M	2.25 " "
Jan. 1883	10	1	M	1.66⅔ " "	Jan. 1890	10	1	M	2.25 " "
July 1883	10	1	M	1.66⅔ " "	July 1890	10	1	M	2.25 " "
Jan. 1884	10	1	M	1.66⅔ " "	Jan. 1891	10	1	M	2.25 " "
July 1884	10	1	M	1.66⅔ " "	July 1891	10	1	M	2.25 " "
Jan. 1885	10	1	M	1.66⅔ " "					

FOREMEN, YARD.

July 1881	10	1	M	2.00 per day.	Jan. 1887	10	1	M	2.25 per day.
Jan. 1882	10	1	M	2.00 " "	July 1887	10	1	M	2.50 " "
July 1882	10	1	M	2.00 " "	Jan. 1888	10	1	M	2.50 " "
Jan. 1883	10	1	M	2.00 " "	July 1888	10	1	M	2.50 " "
July 1883	10	1	M	2.00 " "	Jan. 1889	10	1	M	2.50 " "
Jan. 1884	10	1	M	2.00 " "	July 1889	10	1	M	2.50 " "
July 1884	10	1	M	2.00 " "	Jan. 1890	10	1	M	2.50 " "
Jan. 1885	10	1	M	2.00 " "	July 1890	10	1	M	2.50 " "
July 1885	10	1	M	2.00 " "	Jan. 1891	10	1	M	2.50 " "
Jan. 1886	10	1	M	2.00 " "	July 1891	10	1	M	2.50 " "
July 1886	10	1	M	2.25 " "					

LABORERS.

July 1858	10	7	M	.83½ per day.	July 1864	10	1	M	.75 per day.
Jan. 1859	10	6	M	.83½ " "		10	1	M	1.33½ " "
July 1859	10	6	M	.83½ " "		10	10	M	1.37½ " "
Jan. 1860	10	6	M	.83½ " "		10	1	M	1.50 " "
July 1860	10	6	M	.83½ " "					
Jan. 1861	10	5	M	.83½ " "	Average	10	13	M	1.33½ " "
Jan. 1862	10	1	M	.50 " "	Jan. 1865	10	9	M	1.37½ " "
	10	5	M	.83½ " "		10	1	M	1.50 " "
	10	1	M	1.00 " "					
					Average	10	10	M	1.38⅓ " "
Average	10	7	M	.81 " "	July 1865	10	7	M	1.37½ " "
July 1862	10	1	M	.66⅔ " "		10	1	M	1.50 " "
	10	12	M	.83½ " "					
					Average	10	8	M	1.39 " "
Average	10	13	M	.82 " "	Jan. 1866	10	5	M	1.37½ " "
Jan. 1863	10	10	M	.83½ " "		10	1	M	1.50 " "
	10	1	M	.91½ " "					
					Average	10	6	M	1.39½ " "
Average	10	11	M	.84 " "	July 1866	10	6	M	1.37½ " "
July 1863	10	5	M	.83½ " "		10	1	M	1.50 " "
	10	1	M	1.00 " "					
	10	4	M	1.16½ " "	Average	10	7	M	1.39½ " "
	10	1	M	1.33½ " "	Jan. 1867	10	7	M	1.37½ " "
Average	10	11	M	1.01½ " "	July 1867	10	10	M	1.50 " "
Jan. 1864	10	1	M	.58½ " "		10	1	M	1.58½ " "
	10	4	M	1.00 " "					
	10	1	M	1.08½ " "	Average	10	11	M	1.51 " "
	10	3	M	1.12½ " "	Jan. 1868	10	5	M	1.50 " "
	10	3	M	1.16½ " "	July 1868	10	16	M	1.50 " "
Average	10	12	M	1.04½ " "	Jan. 1869	10	14	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1869	10	13	M	$1.50 per day.
Jan. 1870	10	13	M	1.50 " "
July 1870	10	14	M	1.50 " "
Jan. 1871	10	11	M	1.50 " "
July 1871	10	13	M	1.50 " "
	10	1	M	2.00 " "
Average	10	14	M	1.53½ " "
Jan. 1872	10	9	M	1.50 " "
	10	1	M	1.58½ " "
	10	1	M	1.75 " "
Average	10	11	M	1.53 " "
July 1872	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	9	M	1.75 " "
Average	10	13	M	1.70 " "
Jan. 1873	10	3	M	1.62½ " "
	10	9	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	13	M	1.73 " "
July 1873	10	3	M	1.62½ " "
	10	8	M	1.75 " "
	10	1	M	1.83½ " "
	10	1	M	2.00 " "
Average	10	13	M	1.74½ " "
Jan. 1874	10	3	M	1.62½ " "
	10	9	M	1.75 " "
	10	1	M	1.83½ " "
Average	10	13	M	1.73 " "
July 1874	10	3	M	1.62½ " "
	10	10	M	1.75 " "
Average	10	13	M	1.72 " "
Jan. 1875	10	2	M	1.62½ " "
	10	6	M	1.75 " "
Average	10	8	M	1.72 " "
July 1875	10	8	M	1.50 " "
Jan. 1876	10	8	M	1.12½ " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	10	M	1.17½ " "
July 1876	10	9	M	1.25 " "
	10	1	M	1.50 " "
Average	10	10	M	1.27½ " "
Jan. 1877	10	10	M	1.25 " "
	10	1	M	1.50 " "
Average	10	11	M	1.27½ " "
July 1877	10	9	M	1.25 " "
	10	1	M	1.50 " "
Average	10	10	M	1.27½ " "
Jan. 1878	10	9	M	$1.25 per day.
	10	1	M	1.50 " "
Average	10	10	M	1.27½ " "
July 1878	10	9	M	1.25 " "
	10	1	M	1.50 " "
Average	10	10	M	1.27½ " "
Jan. 1879	10	8	M	1.25 " "
July 1879	10	8	M	1.25 " "
Jan. 1880	10	10	M	1.25 " "
	10	2	M	1.50 " "
Average	10	12	M	1.29 " "
July 1880	10	9	M	1.25 " "
	10	1	M	1.50 " "
Average	10	10	M	1.27½ " "
Jan. 1881	10	9	M	1.25 " "
	10	1	M	1.50 " "
Average	10	10	M	1.27½ " "
July 1881	10	16	M	1.25 " "
	10	2	M	1.50 " "
Average	10	18	M	1.28 " "
Jan. 1882	10	9	M	1.25 " "
	10	1	M	1.50 " "
Average	10	10	M	1.27½ " "
July 1882	10	7	M	1.25 " "
	10	2	M	1.50 " "
Average	10	9	M	1.30½ " "
Jan. 1883	10	9	M	1.50 " "
July 1883	10	10	M	1.50 " "
Jan. 1884	10	8	M	1.25 " "
	10	2	M	1.50 " "
Average	10	10	M	1.30 " "
July 1884	10	11	M	1.25 " "
	10	2	M	1.50 " "
Average	10	13	M	1.29 " "
Jan. 1885	10	11	M	1.12½ " "
	10	1	M	1.25 " "
	10	2	M	1.50 " "
Average	10	14	M	1.18½ " "
July 1885	10	1	M	1.16½ " "
	10	9	M	1.25 " "
	10	2	M	1.50 " "
Average	10	12	M	1.28½ " "
Jan. 1886	10	1	M	1.16½ " "
	10	11	M	1.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

LABORERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1886–cone'd.	10	1	M	$1.50 per day.	July 1888	10	1	M	$1.25 per day.
						10	19	M	1.50 " "
Average	10	13	M	1.26½ " "	Average	10	20	M	1.48½ " "
July 1886	10	17	M	1.50 " "					
Jan. 1887	10	19	M	1.50 " "	Jan. 1889	10	1	M	1.25 " "
						10	17	M	1.50 " "
July 1887	10	1	M	1.25 " "	Average	10	18	M	1.48½ " "
	10	20	M	1.50 " "					
Average	10	21	M	1.49 " "	July 1889	10	16	M	1.50 " "
Jan. 1888	10	1	M	1.25 " "	Jan. 1890	10	17	M	1.50 " "
	10	18	M	1.50 " "	July 1890	10	15	M	1.50 " "
					Jan. 1891	10	13	M	1.50 " "
Average	10	19	M	1.48½ " "	July 1891	10	11	M	1.50 " "

MACHINISTS.

July 1858	10	1	M	1.00 per day.	Jan. 1880	10	1	M	1.75 per day.
Jan. 1859	10	1	M	1.12½ " "		10	1	M	2.50 " "
July 1859	10	1	M	1.12½ " "	Average	10	2	M	2.12½ " "
Jan. 1860	10	1	M	1.12½ " "					
July 1860	10	1	M	1.12½ " "	July 1880	10	1	M	1.75 " "
Jan. 1861	10	1	M	1.12½ " "		10	1	M	2.50 " "
July 1861	10	1	M	1.12½ " "	Average	10	2	M	2.12½ " "
Jan. 1862	10	1	M	1.12½ " "					
July 1862	10	1	M	1.12½ " "	Jan. 1881	10	1	M	1.75 " "
						10	1	M	2.50 " "
Jan. 1863	10	1	M	1.33½ " "	Average	10	2	M	2.12½ " "
	10	1	M	1.75 " "					
Average	10	2	M	1.54½ " "	July 1881	10	1	M	1.75 " "
						10	1	M	2.50 " "
July 1863	10	1	M	1.33½ " "	Average	10	2	M	2.12½ " "
Jan. 1864	10	1	M	1.50 " "					
July 1864	10	1	M	1.83½ " "	Jan. 1882	10	1	M	2.50 " "
Jan. 1865	10	1	M	1.83½ " "	July 1882	10	1	M	2.50 " "
July 1865	10	1	M	1.83½ " "	Jan. 1883	10	1	M	2.50 " "
Jan. 1866	10	1	M	1.83½ " "	July 1883	10	1	M	2.50 " "
July 1866	10	1	M	1.83½ " "	Jan. 1884	10	1	M	2.50 " "
Jan. 1867	10	1	M	1.83½ " "	July 1884	10	1	M	2.50 " "
July 1867	10	1	M	2.25 " "	Jan. 1885	10	1	M	2.50 " "
Jan. 1868	10	1	M	2.25 " "	July 1885	10	1	M	2.50 " "
July 1868	10	1	M	2.25 " "	Jan. 1886	10	1	M	2.50 " "
Jan. 1869	10	1	M	2.25 " "					
July 1869	10	1	M	2.25 " "	July 1886	10	1	M	2.25 " "
Jan. 1870	10	1	M	2.25 " "		10	1	M	2.50 " "
July 1870	10	1	M	2.25 " "	Average	10	2	M	2.37½ " "
Jan. 1871	10	1	M	2.25 " "					
July 1871	10	1	M	2.25 " "	Jan. 1887	10	1	M	2.00 " "
Jan. 1872	10	1	M	2.25 " "		10	1	M	2.50 " "
July 1872	10	1	M	2.50 " "	Average	10	2	M	2.25 " "
Jan. 1873	10	1	M	2.00 " "					
July 1873	10	1	M	2.50 " "	July 1887	10	1	M	2.00 " "
Jan. 1874	10	1	M	2.50 " "		10	1	M	2.50 " "
July 1874	10	1	M	2.50 " "	Average	10	2	M	2.25 " "
Jan. 1875	10	1	M	2.50 " "					
July 1875	10	1	M	2.50 " "	Jan. 1888	10	1	M	2.50 " "
Jan. 1876	10	1	M	2.50 " "	July 1888	10	1	M	2.50 " "
July 1876	10	1	M	2.50 " "	Jan. 1889	10	1	M	2.50 " "
Jan. 1877	10	1	M	2.50 " "	July 1889	10	1	M	2.50 " "
July 1877	10	1	M	2.50 " "	Jan. 1890	10	1	M	2.50 " "
Jan. 1878	10	1	M	2.50 " "	July 1890	10	1	M	2.50 " "
July 1878	10	1	M	2.50 " "	Jan. 1891	10	1	M	2.50 " "
Jan. 1879	10	1	M	2.50 " "	July 1891	10	1	M	2.50 " "
July 1879	10	1	M	1.75 " "					
	10	1	M	2.50 " "					
Average	10	2	M	2.12½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

MACHINISTS' HELPERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1881	10	1	M	$1.25 per day.	Jan. 1887	10	1	M	$1.25 per day.
Jan. 1882	10	1	M	1.25 " "	July 1887	10	1	M	1.25 " "
July 1882	10	1	M	1.25 " "	Jan. 1888	10	1	M	1.25 " "
Jan. 1883	10	1	M	1.25 " "	July 1888	10	1	M	1.25 " "
July 1883	10	1	M	1.25 " "	Jan. 1889	10	1	M	1.25 " "
Jan. 1884	10	1	M	1.25 " "	July 1889	10	1	M	1.25 " "
July 1884	10	1	M	1.25 " "	Jan. 1890	10	1	M	1.25 " "
Jan. 1885	10	1	M	1.25 " "	July 1890	10	1	M	1.25 " "
July 1885	10	1	M	1.25 " "	Jan. 1891	10	1	M	1.25 " "
Jan. 1886	10	1	M	1.25 " "	July 1891	10	1	M	1.25 " "
July 1886	10	1	M	1.25 " "					

TEAMSTERS.

July 1858	10	1	M	1.00 per day.	Jan. 1873	10	1	M	1.50 per day.
Jan. 1859	10	2	M	1.00 " "		10	1	M	1.75 " "
July 1859	10	1	M	1.00 " "	Average	10	2	M	1.62½ " "
Jan. 1860	10	1	M	1.00 " "					
July 1860	10	1	M	1.00 " "	July 1873	10	1	M	1.50 " "
Jan. 1861	10	1	M	1.00 " "		10	1	M	1.75 " "
July 1861	10	1	M	1.00 " "	Average	10	2	M	1.62½ " "
Jan. 1862	10	1	M	1.00 " "					
July 1862	10	1	M	1.00 " "	Jan. 1874	10	1	M	1.50 " "
Jan. 1863	10	1	M	1.00 " "		10	1	M	1.75 " "
July 1863	10	1	M	1.00 " "	Average	10	2	M	1.62½ " "
Jan. 1864	10	1	M	1.16½ " "					
July 1864	10	1	M	1.41½ " "	July 1874	10	1	M	1.50 " "
Jan. 1865	10	1	M	1.41½ " "		10	1	M	1.75 " "
July 1865	10	1	M	1.41½ " "	Average	10	2	M	1.62½ " "
Jan. 1866	10	1	M	1.41½ " "					
July 1866	10	1	M	1.41½ " "	Jan. 1875	10	1	M	1.50 " "
Jan. 1867	10	2	M	1.41½ " "		10	1	M	1.75 " "
July 1867	10	1	M	1.41½ " "	Average	10	2	M	1.62½ " "
	10	2	M	1.50 " "					
Average	10	3	M	1.47 " "	July 1875	10	1	M	1.50 " "
						10	1	M	1.75 " "
Jan. 1868	10	2	M	1.50 " "	Average	10	2	M	1.62½ " "
July 1868	10	1	M	1.50 " "					
	10	1	M	1.66½ " "	Jan. 1876	10	1	M	1.50 " "
Average	10	2	M	1.58½ " "		10	1	M	1.75 " "
					Average	10	2	M	1.62½ " "
Jan. 1869	10	1	M	1.50 " "					
	10	1	M	1.66½ " "	July 1876	10	1	M	1.50 " "
Average	10	2	M	1.58½ " "		10	1	M	1.75 " "
					Average	10	2	M	1.62½ " "
July 1869	10	1	M	1.50 " "					
Jan. 1870	10	1	M	1.50 " "	Jan. 1877	10	1	M	1.50 " "
						10	1	M	1.75 " "
July 1870	10	1	M	1.50 " "	Average	10	2	M	1.62½ " "
	10	1	M	1.66½ " "					
Average	10	2	M	1.58½ " "	July 1877	10	1	M	1.50 " "
						10	1	M	1.75 " "
Jan. 1871	10	1	M	1.50 " "	Average	10	2	M	1.62½ " "
	10	1	M	1.66½ " "					
Average	10	2	M	1.58½ " "	Jan. 1878	10	1	M	1.50 " "
						10	1	M	1.75 " "
July 1871	10	1	M	1.50 " "	Average	10	2	M	1.62½ " "
	10	1	M	1.66½ " "					
Average	10	2	M	1.58½ " "					
Jan. 1872	10	1	M	1.50 " "					
July 1872	10	1	M	1.50 " "					
	10	1	M	1.66½ " "					
Average	10	2	M	1.58½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Concluded.

TEAMSTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1878	10	1	M	$1.50 per day.	July 1881	10	1	M	$1.25 per day.
	10	1	M	1.75 " "		10	2	M	1.50 " "
Average	10	2	M	1.62½ " "	Average	10	3	M	1.41½ " "
Jan. 1879	10	1	M	1.25 " "	Jan. 1882	10	1	M	1.25 " "
	10	1	M	1.50 " "		10	2	M	1.50 " "
Average	10	2	M	1.37½ " "	Average	10	3	M	1.41½ " "
July 1879	10	1	M	1.25 " "	July 1882	10	3	M	1.50 " "
	10	1	M	1.50 " "	Jan. 1883	10	3	M	1.50 " "
					July 1883	10	3	M	1.50 " "
Average	10	2	M	1.37½ " "	Jan. 1884	10	2	M	1.50 " "
					July 1884	10	2	M	1.50 " "
Jan. 1880	10	1	M	1.25 " "	Jan. 1885	10	2	M	1.50 " "
	10	2	M	1.50 " "	July 1885	10	2	M	1.50 " "
					Jan. 1886	10	2	M	1.50 " "
Average	10	3	M	1.41½ " "	July 1886	10	3	M	1.50 " "
					Jan. 1887	10	3	M	1.50 " "
July 1880	10	1	M	1.25 " "	July 1887	10	3	M	1.50 " "
	10	2	M	1.50 " "	Jan. 1888	10	2	M	1.50 " "
					July 1888	10	2	M	1.50 " "
Average	10	3	M	1.41½ " "	Jan. 1889	10	2	M	1.50 " "
					July 1889	10	2	M	1.50 " "
Jan. 1881	10	1	M	1.25 " "	Jan. 1890	10	2	M	1.50 " "
	10	2	M	1.50 " "	July 1890	10	2	M	1.50 " "
					Jan. 1891	10	2	M	1.50 " "
Average	10	3	M	1.41½ " "	July 1891	10	2	M	1.50 " "

WATCHMEN.

July 1858	12	1	M	.71½ per day.	July 1875	12	1	M	1.28½ per day.
Jan. 1859	12	1	M	.85½ " "	Jan. 1876	12	1	M	1.28½ " "
July 1859	12	1	M	.85½ " "	July 1876	12	1	M	1.28½ " "
Jan. 1860	12	1	M	.85½ " "	Jan. 1877	12	1	M	1.28½ " "
July 1860	12	1	M	.85½ " "	July 1877	12	1	M	1.28½ " "
Jan. 1861	12	1	M	.85½ " "	Jan. 1878	12	1	M	1.28½ " "
July 1861	12	1	M	.85½ " "	July 1878	12	1	M	1.28½ " "
Jan. 1862	12	1	M	.85½ " "	Jan. 1879	12	1	M	1.07 " "
July 1862	12	1	M	.85½ " "	July 1879	12	1	M	1.07 " "
Jan. 1863	12	1	M	.85⅓ " "	Jan. 1880	12	1	M	1.07 " "
July 1863	12	1	M	1.00 " "	July 1880	12	1	M	1.07 " "
Jan. 1864	12	1	M	.85½ " "	Jan. 1881	12	1	M	1.07 " "
July 1864	12	1	M	1.00 " "	July 1881	12	1	M	1.07 " "
Jan. 1865	12	1	M	1.00 " "	Jan. 1882	12	1	M	1.21½ " "
July 1865	12	1	M	1.00 " "	July 1882	12	1	M	1.28½ " "
Jan. 1866	12	1	M	1.00 " "	Jan. 1883	12	1	M	1.28½ " "
July 1866	12	1	M	1.00 " "	July 1883	12	1	M	1.28½ " "
Jan. 1867	12	1	M	1.14⅓ " "	Jan. 1884	12	1	M	1.28½ " "
July 1867	12	1	M	1.21½ " "	July 1884	12	1	M	1.28½ " "
Jan. 1868	12	1	M	1.21½ " "	Jan. 1885	12	1	M	1.28½ " "
July 1868	12	1	M	1.21½ " "	July 1885	12	1	M	1.28½ " "
Jan. 1869	12	1	M	1.21½ " "	Jan. 1886	12	1	M	1.28½ " "
July 1869	12	1	M	1.21½ " "	July 1886	12	1	M	1.28½ " "
Jan. 1870	12	1	M	1.21½ " "	Jan. 1887	12	1	M	1.28½ " "
July 1870	12	1	M	1.21½ " "	July 1887	12	1	M	1.28½ " "
Jan. 1871	12	1	M	1.21½ " "	Jan. 1888	12	1	M	1.50 " "
July 1871	12	1	M	1.21½ " "	July 1888	12	1	M	1.50 " "
Jan. 1872	12	1	M	1.21½ " "	Jan. 1889	12	1	M	1.50 " "
July 1872	12	1	M	1.28½ " "	July 1889	12	1	M	1.50 " "
Jan. 1873	12	1	M	1.28½ " "	Jan. 1890	12	1	M	1.50 " "
July 1873	12	1	M	1.28½ " "	July 1890	12	1	M	1.50 " "
Jan. 1874	12	1	M	1.28½ " "	Jan. 1891	12	1	M	1.50 " "
July 1874	12	1	M	1.28½ " "	July 1891	12	1	M	1.50 " "
Jan. 1875	12	1	M	1.28½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK.

BLACKSMITHS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1846	10	1	M	$1.25 per day.
July 1846	10	1	M	1.25 " "
Jan. 1847	10	1	M	1.25 " "
July 1847	10	1	M	1.25 " "
Jan. 1848	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1848	10	1	M	1.25 " "
July 1849	10	1	M	1.50 " "
Jan. 1850	10	1	M	1.50 " "
July 1850	10	1	M	1.50 " "
Jan. 1851	10	1	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	2	M	1.56½ " "
July 1851	10	1	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	3	M	1.71 " "
Jan. 1852	10	1	M	1.37½ " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.59½ " "
July 1852	10	1	M	1.37½ " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.59½ " "
Jan. 1853	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	3	M	1.62½ " "
July 1853	10	1	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	2	M	1.68½ " "
Jan. 1854	10	1	M	1.87½ " "
July 1854	10	1	M	1.87½ " "
Jan. 1855	10	1	M	1.87½ " "
July 1855	10	1	M	1.87½ " "
Jan. 1856	10	1	M	1.87½ " "
July 1856	10	1	M	1.87½ " "
Jan. 1857	10	1	M	1.87½ " "
July 1857	10	1	M	1.87½ " "
Jan. 1858	10	1	M	1.87½ " "
July 1858	10	1	M	1.75 " "
Jan. 1859	10	1	M	1.75 " "
July 1859	10	1	M	1.75 " "
Jan. 1860	10	1	M	1.75 " "
July 1860	10	1	M	1.75 " "
Jan. 1861	10	1	M	1.75 " "
July 1861	10	1	M	1.75 " "
Jan. 1862	10	1	M	1.75 " "
July 1862	10	1	M	1.75 " "
Jan. 1863	10	1	M	1.83 " "
July 1863	10	1	M	1.83 " "
Jan. 1864	10	1	M	2.00 " "
July 1864	10	1	M	2.75 " "
Jan. 1865	10	1	M	2.75 " "
July 1865	10	1	M	2.62½ " "
July 1866	10	1	M	2.75 " "
Jan. 1867	10	1	M	3.00 " "
July 1867	10	1	M	3.25 " "
Jan. 1868	10	1	M	$3.25 per day.
July 1868	10	1	M	3.25 " "
Jan. 1869	10	1	M	3.25 " "
July 1869	10	1	M	3.50 " "
Jan. 1870	10	1	M	3.25 " "
July 1870	10	1	M	3.50 " "
Jan. 1871	10	1	M	3.50 " "
July 1871	10	1	M	3.50 " "
Jan. 1872	10	1	M	3.50 " "
July 1872	10	1	M	3.50 " "
Jan. 1873	10	1	M	3.75 " "
July 1873	10	1	M	3.75 " "
Jan. 1874	10	1	M	3.75 " "
July 1874	10	1	M	3.75 " "
Jan. 1875	10	1	M	3.75 " "
July 1875	10	1	M	3.75 " "
Jan. 1876	10	1	M	3.75 " "
July 1876	10	1	M	3.75 " "
Jan. 1877	10	1	M	3.50 " "
July 1877	10	1	M	3.50 " "
Jan. 1878	10	1	M	3.50 " "
July 1878	10	1	M	3.50 " "
Jan. 1879	10	1	M	3.50 " "
July 1879	10	1	M	3.25 " "
Jan. 1880	10	1	M	3.25 " "
July 1880	10	1	M	3.50 " "
Jan. 1881	10	1	M	3.50 " "
July 1881	10	1	M	3.75 " "
Jan. 1882	10	1	M	3.87½ " "
July 1882	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	2	M	3.12½ " "
Jan. 1883	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.50 " "
Average	10	3	M	2.91½ " "
July 1883	10	1	M	2.75 " "
	10	1	M	3.25 " "
Average	10	2	M	3.00 " "
Jan. 1884	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	3	M	3.00 " "
July 1884	10	1	M	2.75 " "
	10	1	M	3.75 " "
Average	10	2	M	3.25 " "
Jan. 1885	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.25 " "
Average	10	3	M	2.83½ " "
July 1885	10	1	M	2.87½ " "
	10	1	M	3.25 " "
Average	10	2	M	3.06½ " "
Jan. 1886	10	1	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	3	M	2.91½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

BLACKSMITHS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1886	10	1	M	$2.37½ per day.	Jan. 1889	10	1	M	$3.00 per day.
	10	1	M	3.00 " "		10	1	M	3.40 " "
	10	1	M	3.25 " "	Average	10	2	M	3.20 " "
Average	10	3	M	2.87½ " "					
Jan. 1887	10	1	M	3.00 " "	July 1889	10	2	M	3.00 " "
	10	1	M	3.25 " "	Jan. 1890	10	2	M	3.00 " "
Average	10	2	M	3.12½ " "	July 1890	10	1	M	2.25 " "
July 1887	10	1	M	3.00 " "		10	1	M	2.62½ " "
	10	1	M	3.25 " "		10	1	M	3.00 " "
Average	10	2	M	3.12½ " "	Average	10	3	M	2.62½ " "
Jan. 1888	10	1	M	2.50 " "	Jan. 1891	10	1	M	2.25 " "
	10	1	M	3.00 " "		10	1	M	2.75 " "
	10	1	M	3.25 " "		10	1	M	3.00 " "
Average	10	3	M	2.91½ " "	Average	10	3	M	2.66½ " "
July 1888	10	1	M	3.00 " "	July 1891	10	1	M	2.25 " "
	10	1	M	3.40 " "		10	1	M	2.75 " "
						10	1	M	3.00 " "
Average	10	2	M	3.20 " "	Average	10	3	M	2.66½ " "

BLACKSMITHS' HELPERS.

Jan. 1846	10	1	M	.68 per day.	July 1854	10	1	M	.87½ per day.
July 1846	10	1	M	.68 " "		10	1	M	1.00 " "
July 1849	10	1	M	.68 " "		10	1	M	1.12½ " "
Jan. 1850	10	1	M	.68 " "	Average	10	3	M	1.00 " "
	10	1	M	.75 " "	Jan. 1855	10	2	M	.87½ " "
Average	10	2	M	.71½ " "		10	1	M	1.25 " "
July 1850	10	1	M	.75 " "	Average	10	3	M	1.00 " "
	10	1	M	.87½ " "	July 1855	10	2	M	.87½ " "
Average	10	2	M	.81½ " "		10	1	M	1.25 " "
Jan. 1851	10	1	M	.87½ " "	Average	10	3	M	1.00 " "
July 1851	10	1	M	.87½ " "	Jan. 1856	10	2	M	.87½ " "
	10	1	M	1.00 " "		10	1	M	1.00 " "
Average	10	2	M	.93½ " "	Average	10	3	M	.91½ " "
Jan. 1852	10	1	M	.75 " "	July 1856	10	1	M	1.00 " "
	10	2	M	.87½ " "	Jan. 1857	10	2	M	.87½ " "
	10	1	M	1.00 " "		10	1	M	1.25 " "
Average	10	4	M	.87½ " "	Average	10	3	M	1.00 " "
July 1852	10	3	M	.87½ " "	July 1857	10	1	M	.94 " "
	10	1	M	1.00 " "	Jan. 1858	10	1	M	.94 " "
Average	10	4	M	.90½ " "	July 1858	10	1	M	.87½ " "
Jan. 1853	10	4	M	.87½ " "	Jan. 1859	10	1	M	.87½ " "
	10	1	M	1.00 " "	July 1859	10	1	M	.87½ " "
Average	10	5	M	.90 " "	Jan. 1860	10	1	M	.87½ " "
July 1853	10	3	M	.87½ " "	July 1860	10	1	M	.94 " "
	10	3	M	1.00 " "	Jan. 1861	10	1	M	.94 " "
	10	1	M	1.50 " "	July 1861	10	1	M	.87½ " "
Average	10	7	M	1.02 " "	Jan. 1862	10	1	M	.87½ " "
Jan. 1854	10	1	M	1.12½ " "	July 1862	10	1	M	.87½ " "
					Jan. 1863	10	1	M	.75 " "
					July 1863	10	1	M	1.25 " "
					Jan. 1864	10	1	M	1.25 " "
					July 1864	10	1	M	1.62½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

BLACKSMITHS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865	10	1	M	$1.62½ per day.
July 1865	10	1	M	1.62½ " "
Jan. 1866	10	1	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	2	M	1.56½ " "
July 1866	10	1	M	1.62½ " "
Jan. 1867	10	1	M	1.62½ " "
July 1867	10	1	M	1.62½ " "
Jan. 1868	10	1	M	1.62½ " "
July 1868	10	1	M	1.75 " "
Jan. 1869	10	1	M	1.75 " "
July 1869	10	1	M	1.62½ " "
Jan. 1870	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	2	M	1.68½ " "
July 1870	10	1	M	1.62½ " "
Jan. 1871	10	1	M	1.50 " "
	10	2	M	1.75 " "
Average	10	3	M	1.66½ " "
July 1871	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.83½ " "
Jan. 1872	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.83½ " "
July 1872	10	2	M	1.75 " "
Jan. 1873	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	2	M	1.87½ " "
July 1873	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
Average	10	3	M	1.87½ " "
Jan. 1874	10	1	M	2.00 " "
July 1874	10	1	M	2.00 " "
Jan. 1875	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	3	M	1.66½ " "
July 1875	10	2	M	1.50 " "
	10	1	M	2.00 " "
Average	10	3	M	1.66½ " "
Jan. 1876	10	3	M	1.75 " "
July 1876	10	1	M	1.75 " "
Jan. 1877	10	1	M	1.50 " "
July 1877	10	1	M	1.50 " "
Jan. 1878	10	1	M	1.50 " "
July 1878	10	1	M	1.50 " "
Jan. 1879	10	1	M	1.50 " "
July 1879	10	1	M	1.50 " "
Jan. 1880	10	1	M	$1.00 per day.
	10	1	M	1.50 " "
Average	10	2	M	1.25 " "
July 1880	10	1	M	1.00 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	3	M	1.46 " "
Jan. 1881	10	1	M	1.25 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.56½ " "
July 1881	10	4	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	5	M	1.77½ " "
Jan. 1882	10	1	M	1.80 " "
	10	3	M	1.87½ " "
Average	10	4	M	1.85½ " "
July 1882	10	4	M	1.80 " "
Jan. 1883	10	5	M	1.80 " "
July 1883	10	4	M	1.80 " "
Jan. 1884	10	2	M	1.80 " "
July 1884	10	1	M	1.80 " "
Jan. 1885	10	2	M	1.80 " "
July 1885	10	3	M	1.80 " "
Jan. 1886	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
Average	10	3	M	1.68½ " "
July 1886	10	1	M	1.50 " "
	10	3	M	1.80 " "
Average	10	4	M	1.72½ " "
Jan. 1887	10	3	M	1.80 " "
July 1887	10	3	M	1.80 " "
Jan. 1888	10	1	M	1.50 " "
	10	3	M	1.80 " "
Average	10	4	M	1.72½ " "
July 1888	10	2	M	1.50 " "
	10	3	M	1.80 " "
Average	10	5	M	1.68 " "
Jan. 1889	10	1	M	1.60 " "
	10	4	M	1.80 " "
Average	10	5	M	1.76 " "
July 1889	10	5	M	1.80 " "
Jan. 1890	10	5	M	1.80 " "
July 1890	10	3	M	1.80 " "
Jan. 1891	10	5	M	1.80 " "
July 1891	10	4	M	1.80 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

ENGINEERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	10	1	M	$1.87½ per day.	Jan. 1887	10	1	M	$2.00 per day.
July 1882	10	1	M	1.87½ " "	July 1887	10	1	M	2.00 " "
Jan. 1883	10	1	M	1.87½ " "	Jan. 1888	10	1	M	2.00 " "
July 1883	10	1	M	1.87½ " "	July 1888	10	1	M	2.00 " "
Jan. 1884	10	1	M	1.87½ " "	Jan. 1889	10	1	M	2.00 " "
July 1884	10	1	M	1.87½ " "	July 1889	10	1	M	2.00 " "
Jan. 1885	10	1	M	1.87½ " "	Jan. 1890	10	1	M	2.00 " "
July 1885	10	1	M	1.87½ " "	July 1890	10	1	M	2.00 " "
Jan. 1886	10	1	M	2.00 " "	Jan. 1891	10	1	M	2.00 " "
July 1886	10	1	M	2.00 " "	July 1891	10	1	M	2.00 " "

FOREMEN, MACHINISTS.

Jan. 1867	10	1	M	3.00 per day.	July 1879	10	1	M	3.75 per day.
July 1867	10	1	M	3.83½ " "	Jan. 1880	10	1	M	3.75 " "
Jan. 1868	10	1	M	3.83½ " "	July 1880	10	1	M	3.75 " "
July 1868	10	1	M	3.83½ " "	Jan. 1881	10	1	M	3.83½ " "
Jan. 1869	10	1	M	3.83½ " "	July 1881	10	1	M	4.00 " "
July 1869	10	1	M	3.83½ " "	Jan. 1882	10	1	M	4.00 " "
Jan. 1870	10	1	M	3.83½ " "	July 1882	10	1	M	4.00 " "
July 1870	10	1	M	3.83½ " "	Jan. 1883	10	1	M	4.00 " "
Jan. 1871	10	1	M	3.83½ " "	July 1883	10	1	M	4.00 " "
July 1871	10	1	M	3.83½ " "	Jan. 1884	10	1	M	4.50 " "
Jan. 1872	10	1	M	3.83½ " "	July 1884	10	1	M	4.50 " "
July 1872	10	1	M	3.83½ " "	Jan. 1885	10	1	M	4.50 " "
Jan. 1873	10	1	M	3.50 " "	July 1885	10	1	M	4.50 " "
July 1873	10	1	M	3.83½ " "	Jan. 1886	10	1	M	4.50 " "
Jan. 1874	10	1	M	4.50 " "	July 1886	10	1	M	5.16⅔ " "
July 1874	10	1	M	4.50 " "	Jan. 1887	10	1	M	5.16⅔ " "
Jan. 1875	10	1	M	4.50 " "	July 1887	10	1	M	5.16⅔ " "
July 1875	10	1	M	4.00 " "	Jan. 1888	10	1	M	5.16⅔ " "
Jan. 1876	10	1	M	4.00 " "	July 1888	10	1	M	5.16⅔ " "
July 1876	10	1	M	4.00 " "	Jan. 1889	10	1	M	5.16⅔ " "
Jan. 1877	10	1	M	4.00 " "	July 1889	10	1	M	5.16⅔ " "
July 1877	10	1	M	4.00 " "	Jan. 1890	10	1	M	5.16⅔ " "
Jan. 1878	10	1	M	4.00 " "	July 1890	10	1	M	5.16⅔ " "
July 1878	10	1	M	4.00 " "	Jan. 1891	10	1	M	5.16⅔ " "
Jan. 1879	10	1	M	4.00 " "	July 1891	10	1	M	5.83⅓ " "

FOREMEN, MOULDERS.

Jan. 1868	10	1	M	3.83⅓ per day.	Jan. 1880	10	1	M	3.83⅓ per day.
July 1868	10	1	M	3.83⅓ " "	July 1880	10	1	M	3.83⅓ " "
Jan. 1869	10	1	M	3.83⅓ " "	Jan. 1881	10	1	M	3.83⅓ " "
July 1869	10	1	M	3.83⅓ " "	July 1881	10	1	M	3.83⅓ " "
Jan. 1870	10	1	M	3.83⅓ " "	Jan. 1882	10	1	M	3.83⅓ " "
July 1870	10	1	M	3.83⅓ " "	July 1882	10	1	M	3.83⅓ " "
Jan. 1871	10	1	M	3.83⅓ " "	Jan. 1883	10	1	M	3.83⅓ " "
July 1871	10	1	M	3.83⅓ " "	July 1883	10	1	M	3.83⅓ " "
Jan. 1872	10	1	M	3.83⅓ " "	Jan. 1884	10	1	M	3.83⅓ " "
July 1872	10	1	M	3.83⅓ " "	July 1884	10	1	M	3.83⅓ " "
Jan. 1873	10	1	M	3.83⅓ " "	Jan. 1885	10	1	M	3.83⅓ " "
July 1873	10	1	M	3.83⅓ " "	July 1885	10	1	M	3.83⅓ " "
Jan. 1874	10	1	M	3.83⅓ " "	Jan. 1886	10	1	M	3.83⅓ " "
July 1874	10	1	M	3.83⅓ " "	July 1886	10	1	M	5.16⅔ " "
Jan. 1875	10	1	M	3.83⅓ " "	Jan. 1887	10	1	M	5.16⅔ " "
July 1875	10	1	M	3.83⅓ " "	July 1887	10	1	M	5.16⅔ " "
Jan. 1876	10	1	M	3.83⅓ " "	Jan. 1888	10	1	M	5.16⅔ " "
July 1876	10	1	M	3.83⅓ " "	July 1888	10	1	M	5.16⅔ " "
Jan. 1877	10	1	M	3.83⅓ " "	Jan. 1889	10	1	M	5.16⅔ " "
July 1877	10	1	M	3.83⅓ " "	July 1889	10	1	M	5.16⅔ " "
Jan. 1878	10	1	M	3.83⅓ " "	Jan. 1890	10	1	M	5.16⅔ " "
July 1878	10	1	M	3.83⅓ " "	July 1890	10	1	M	5.16⅔ " "
Jan. 1879	10	1	M	3.83⅓ " "	Jan. 1891	10	1	M	5.16⅔ " "
July 1879	10	1	M	3.83⅓ " "	July 1891	10	1	M	4.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

FOREMEN, PATTERNMAKERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1881	10	1	M	$3.50 per day.	July 1886	10	1	M	$4.00 per day.
July 1881	10	1	M	3.50 " "	Jan. 1887	10	1	M	4.00 " "
Jan. 1882	10	1	M	3.50 " "	July 1887	10	1	M	4.00 " "
July 1882	10	1	M	3.50 " "	Jan. 1888	10	1	M	4.00 " "
Jan. 1883	10	1	M	4.00 " "	July 1888	10	1	M	4.00 " "
July 1883	10	1	M	4.00 " "	Jan. 1889	10	1	M	4.16⅔ " "
Jan. 1884	10	1	M	4.00 " "	July 1889	10	1	M	4.16⅔ " "
July 1884	10	1	M	4.00 " "	Jan. 1890	10	1	M	4.16⅔ " "
Jan. 1885	10	1	M	4.00 " "	July 1890	10	1	M	4.16⅔ " "
July 1885	10	1	M	4.00 " "	Jan. 1891	10	1	M	4.16⅔ " "
Jan. 1886	10	1	M	4.00 " "	July 1891	10	1	M	5.00 " "

LABORERS.

Jan. 1846	10	5	M	.62½ per day.	July 1849	10	5	M	.68 per day.
	10	8	M	.68 " "		10	5	M	.75 " "
	10	6	M	.75 " "		10	2	M	.87½ " "
	10	1	M	1.12½ " "		10	1	M	1.25 " "
Average	10	20	M	.71 " "	Average	10	13	M	.78 " "
July 1846	10	2	M	.62½ " "	Jan. 1850	10	1	M	.62½ " "
	10	9	M	.68 " "		10	6	M	.68 " "
	10	7	M	.75 " "		10	7	M	.75 " "
	10	1	M	.87½ " "		10	4	M	.87½ " "
	10	1	M	1.25 " "		10	1	M	1.25 " "
Average	10	20	M	.73½ " "	Average	10	19	M	.77½ " "
Jan. 1847	10	2	M	.62½ " "	July 1850	10	1	M	.62½ " "
	10	6	M	.68 " "		10	3	M	.68 " "
	10	5	M	.75 " "		10	8	M	.75 " "
	10	1	M	.87½ " "		10	2	M	.87½ " "
	10	1	M	1.25 " "		10	1	M	1.25 " "
Average	10	15	M	.74½ " "	Average	10	15	M	.78 " "
July 1847	10	1	M	.62½ " "	Jan. 1851	10	2	M	.68 " "
	10	5	M	.68 " "		10	11	M	.75 " "
	10	11	M	.75 " "		10	3	M	.87½ " "
	10	2	M	.87½ " "		10	1	M	1.25 " "
	10	1	M	1.25 " "	Average	10	17	M	.79½ " "
Average	10	20	M	.76½ " "	July 1851	10	2	M	.68 " "
Jan. 1848	10	1	M	.62½ " "		10	10	M	.75 " "
	10	3	M	.68 " "		10	2	M	.87½ " "
	10	10	M	.75 " "		10	1	M	1.00 " "
	10	2	M	.87½ " "		10	1	M	1.25 " "
	10	1	M	1.25 " "	Average	10	16	M	.80½ " "
Average	10	17	M	.77½ " "	Jan. 1852	10	1	M	.68 " "
July 1848	10	1	M	.62½ " "		10	15	M	.75 " "
	10	7	M	.68 " "		10	2	M	.87½ " "
	10	7	M	.75 " "		10	2	M	1.00 " "
	10	3	M	.87½ " "		10	1	M	1.25 " "
	10	1	M	1.25 " "	Average	10	21	M	.80½ " "
Average	10	19	M	.76½ " "	July 1852	10	1	M	.68 " "
Jan. 1849	10	2	M	.62½ " "		10	16	M	.75 " "
	10	10	M	.68 " "		10	1	M	.87½ " "
	10	8	M	.75 " "		10	2	M	1.00 " "
	10	2	M	.87½ " "		10	2	M	1.25 " "
	10	2	M	1.00 " "	Average	10	22	M	.82 " "
	10	1	M	1.25 " "	Jan. 1853	10	1	M	.68 " "
						10	12	M	.75 " "
Average	10	25	M	.76 " "		10	1	M	.87½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1853-cone'd.	10	2	M	$1.00 per day.
	10	1	M	1.25 " "
Average	10	17	M	.81 " "
July 1853	10	1	M	.67½ " "
	10	11	M	.75 " "
	10	1	M	.87½ " "
	10	3	M	1.00 " "
	10	1	M	1.37½ " "
Average	10	17	M	.83⅓ " "
Jan. 1854	10	1	M	.67½ " "
	10	9	M	.75 " "
	10	3	M	.87½ " "
	10	3	M	1.00 " "
Average	10	16	M	.81¼ " "
July 1854	10	1	M	.67½ " "
	10	1	M	.75 " "
	10	8	M	.87½ " "
	10	5	M	1.00 " "
Average	10	15	M	.89½ " "
Jan. 1855	10	1	M	.67½ " "
	10	4	M	.75 " "
	10	7	M	.87½ " "
	10	4	M	1.00 " "
Average	10	16	M	.86½ " "
July 1855	10	1	M	.67½ " "
	10	4	M	.75 " "
	10	5	M	.87½ " "
	10	3	M	1.00 " "
Average	10	13	M	.85 " "
Jan. 1856	10	1	M	.67½ " "
	10	4	M	.75 " "
	10	5	M	.87½ " "
	10	3	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	14	M	.87 " "
July 1856	10	1	M	.75 " "
	10	6	M	.87½ " "
	10	3	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	11	M	.92 " "
Jan. 1857	10	9	M	.87½ " "
	10	3	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	13	M	.92½ " "
July 1857	10	1	M	.81 " "
	10	6	M	.87½ " "
	10	3	M	1.00 " "
Average	10	10	M	.90½ " "
Jan. 1858	10	5	M	.87½ " "
	10	3	M	1.00 " "
Average	10	8	M	.92 " "
July 1858	10	4	M	.81 " "
	10	2	M	.87½ " "
July 1858-cone'd.	10	2	M	$0.94 per day.
	10	1	M	1.00 " "
Average	10	9	M	.87½ " "
Jan. 1859	10	3	M	.81 " "
	10	2	M	.87½ " "
	10	2	M	.94 " "
	10	1	M	1.00 " "
Average	10	8	M	.88½ " "
July 1859	10	2	M	.81 " "
	10	1	M	.83⅓ " "
	10	2	M	.87½ " "
	10	2	M	.94 " "
	10	1	M	1.00 " "
Average	10	8	M	.88½ " "
Jan. 1860	10	1	M	.81 " "
	10	2	M	.83⅓ " "
	10	2	M	.87½ " "
	10	2	M	.94 " "
	10	1	M	1.00 " "
Average	10	8	M	.89 " "
July 1860	10	1	M	.81 " "
	10	4	M	.83⅓ " "
	10	2	M	.87½ " "
	10	2	M	.94 " "
	10	1	M	1.00 " "
Average	10	10	M	.88 " "
Jan. 1861	10	4	M	.83⅓ " "
	10	2	M	.87½ " "
	10	2	M	.94 " "
	10	1	M	1.00 " "
Average	10	9	M	.88½ " "
July 1861	10	1	M	.75 " "
	10	3	M	.83⅓ " "
	10	2	M	.87½ " "
	10	1	M	1.00 " "
Average	10	7	M	.86 " "
Jan. 1862	10	1	M	.75 " "
	10	3	M	.83⅓ " "
	10	2	M	.87½ " "
	10	1	M	1.00 " "
Average	10	7	M	.86 " "
July 1862	10	1	M	.75 " "
	10	3	M	.83⅓ " "
	10	3	M	.87½ " "
	10	1	M	1.00 " "
Average	10	8	M	.86 " "
Jan. 1863	10	4	M	.87½ " "
	10	1	M	.93 " "
	10	2	M	1.00 " "
Average	10	7	M	.92 " "
July 1863	10	5	M	1.12½ " "
	10	5	M	1.25 " "
Average	10	10	M	1.18¾ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1864	10	4	M	$1.12½ per day.
	10	5	M	1.25 " "
Average	10	9	M	1.19½ " "
July 1864	10	6	M	1.50 " "
	10	5	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	12	M	1.57½ " "
Jan. 1865	10	8	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	12	M	1.55 " "
July 1865	10	6	M	1.37½ " "
	10	2	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	2.00 " "
Average	10	11	M	1.50 " "
Jan. 1866	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	6	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	2.00 " "
Average	10	12	M	1.51 " "
July 1866	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	2	M	1.37½ " "
	10	6	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	2.00 " "
Average	10	15	M	1.47½ " "
Jan. 1867	10	2	M	1.25 " "
	10	1	M	1.37½ " "
	10	7	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	15	M	1.53½ " "
July 1867	10	1	M	.67½ " "
	10	1	M	1.25 " "
	10	11	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	16	M	1.48½ " "
Jan. 1868	10	1	M	.67½ " "
	10	6	M	1.50 " "
	10	2	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	12	M	1.53½ " "
July 1868	10	5	M	1.50 " "
	10	2	M	1.62½ " "
	10	3	M	1.75 " "
	10	2	M	2.00 " "
Average	10	12	M	1.66⅔ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1869	10	4	M	$1.50 per day.
	10	3	M	1.62½ " "
	10	3	M	1.75 " "
	10	3	M	2.00 " "
Average	10	13	M	1.70 " "
July 1869	10	3	M	1.50 " "
	10	2	M	1.62½ " "
	10	4	M	1.75 " "
	10	2	M	2.00 " "
Average	10	11	M	1.70½ " "
Jan. 1870	10	5	M	1.50 " "
	10	3	M	1.62½ " "
	10	4	M	1.75 " "
	10	4	M	2.00 " "
Average	10	16	M	1.71 " "
July 1870	10	3	M	1.50 " "
	10	2	M	1.62½ " "
	10	3	M	1.75 " "
	10	2	M	2.00 " "
Average	10	10	M	1.70 " "
Jan. 1871	10	5	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	5	M	2.00 " "
Average	10	15	M	1.73½ " "
July 1871	10	6	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	4	M	2.00 " "
Average	10	15	M	1.70 " "
Jan. 1872	10	5	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	4	M	2.00 " "
Average	10	13	M	1.72 " "
July 1872	10	7	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
Average	10	13	M	1.69 " "
Jan. 1873	10	3	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	1.87½ " "
	10	3	M	2.00 " "
Average	10	10	M	1.75 " "
July 1873	10	3	M	1.50 " "
	10	4	M	1.62½ " "
	10	2	M	1.75 " "
	10	2	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	13	M	1.71 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1874	10	1	M	$1.50 per day.
	10	2	M	1.62½ " "
	10	3	M	1.75 " "
	10	2	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	10	M	1.77½ " "
July 1874	10	1	M	1.50 " "
	10	2	M	1.62½ " "
	10	3	M	1.75 " "
	10	2	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	10	M	1.77½ " "
Jan. 1875	10	2	M	1.50 " "
	10	2	M	1.62½ " "
	10	3	M	1.75 " "
	10	2	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	11	M	1.75 " "
July 1875	10	2	M	1.50 " "
	10	2	M	1.62½ " "
	10	2	M	1.75 " "
	10	2	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	10	M	1.75 " "
Jan. 1876	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	2	M	1.62½ " "
	10	2	M	1.75 " "
	10	2	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	11	M	1.70½ " "
July 1876	10	3	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.75 " "
	10	2	M	1.87½ " "
Average	10	9	M	1.65½ " "
Jan. 1877	10	3	M	1.37½ " "
	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	9	M	1.55½ " "
July 1877	10	2	M	1.37½ " "
	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	8	M	1.58 " "
Jan. 1878	10	3	M	1.37½ " "
	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	9	M	1.55½ " "
July 1878	10	3	M	1.37½ " "
	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	9	M	1.55½ " "
Jan. 1879	10	3	M	$1.37½ per day.
	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	9	M	1.55½ " "
July 1879	10	3	M	1.25 " "
	10	1	M	1.50 " "
	10	2	M	1.55 " "
	10	2	M	1.62½ " "
Average	10	8	M	1.45 " "
Jan. 1880	10	1	M	.75 " "
	10	4	M	1.25 " "
	10	2	M	1.50 " "
	10	2	M	1.55 " "
	10	2	M	1.62½ " "
Average	10	11	M	1.37½ " "
July 1880	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	2	M	1.55 " "
	10	1	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	10	M	1.46 " "
Jan. 1881	10	4	M	1.00 " "
	10	4	M	1.25 " "
	10	3	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
Average	10	18	M	1.42½ " "
July 1881	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	8	M	1.25 " "
	10	1	M	1.37½ " "
	10	6	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "
	10	2	M	2.00 " "
Average	10	22	M	1.42½ " "
Jan. 1882	10	7	M	1.25 " "
	10	2	M	1.37½ " "
	10	6	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "
	10	2	M	2.00 " "
Average	10	20	M	1.47 " "
July 1882	10	4	M	1.25 " "
	10	3	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.25 " "
Average	10	12	M	1.60 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

LABORERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1883	10	5	M	$1.25 per day.
	10	3	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.25 " "
Average	10	13	M	1.57 " "
July 1883	10	2	M	1.25 " "
	10	3	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.25 " "
Average	10	10	M	1.66½ " "
Jan. 1884	10	4	M	1.50 " "
	10	1	M	1.55 " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.25 " "
Average	10	9	M	1.74 " "
July 1884	10	2	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.57½ " "
	10	1	M	1.70 " "
	10	2	M	2.00 " "
Average	10	8	M	1.59½ " "
Jan. 1885	10	3	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.57½ " "
	10	1	M	1.70 " "
	10	2	M	2.00 " "
Average	10	9	M	1.57 " "
July 1885	10	1	M	1.25 " "
	10	3	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.57½ " "
	10	1	M	1.70 " "
	10	2	M	2.00 " "
Average	10	10	M	1.53½ " "
Jan. 1886	10	1	M	1.25 " "
	10	2	M	1.35 " "
	10	4	M	1.50 " "
	10	1	M	1.57½ " "
	10	1	M	1.70 " "
	10	2	M	2.00 " "
Average	10	11	M	1.56½ " "
July 1886	10	1	M	1.25 " "
	10	7	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
Average	10	13	M	1.61½ " "
Jan. 1887	10	6	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
Average	10	11	M	1.66 " "
July 1887	10	8	M	$1.56 per day.
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
Average	10	13	M	1.63½ " "
Jan. 1888	10	1	M	1.25 " "
	10	7	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
Average	10	16	M	1.66 " "
July 1888	10	5	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
Average	10	11	M	1.68 " "
Jan. 1889	10	1	M	.75 " "
	10	1	M	1.25 " "
	10	5	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "
	10	2	M	1.75 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
Average	10	14	M	1.58½ " "
July 1889	10	1	M	.83½ " "
	10	4	M	1.25 " "
	10	5	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "
	10	2	M	1.75 " "
	10	3	M	2.00 " "
Average	10	17	M	1.54 " "
Jan. 1890	10	1	M	.83½ " "
	10	2	M	1.25 " "
	10	5	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "
	10	2	M	1.75 " "
	10	3	M	2.00 " "
Average	10	15	M	1.57½ " "
July 1890	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	5	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	4	M	2.00 " "
Average	10	15	M	1.61½ " "
Jan. 1891	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	6	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

LABORERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891–conc'd.	10	1	M	$1.75 per day.	July 1891–conc'd.	10	6	M	$1.50 per day.
	10	3	M	2.00 " "		10	2	M	1.62½ " "
						10	1	M	1.70 " "
Average	10	15	M	1.58 " "		10	1	M	1.90 " "
						10	2	M	2.00 " "
July 1891	10	1	M	.83½ " "		10	1	M	2.25 " "
	10	1	M	1.25 " "					
	10	1	M	1.37½ " "	Average	10	16	M	1.59½ " "

MACHINISTS.

Jan. 1846	10	1	M	1.12½ per day.	July 1850	10	1	M	1.25 per day.
	10	1	M	1.25 " "		10	1	M	1.37½ " "
	10	1	M	1.37½ " "		10	3	M	1.50 " "
	10	8	M	1.50 " "		10	1	M	1.62½ " "
						10	1	M	1.67½ " "
Average	10	11	M	1.43 " "		10	1	M	2.00 " "
					Average	10	8	M	1.55½ " "
July 1846	10	1	M	1.12 " "					
	10	1	M	1.25 " "	Jan. 1851	10	1	M	1.37½ " "
	10	1	M	1.37½ " "		10	3	M	1.50 " "
	10	8	M	1.50 " "		10	1	M	1.62½ " "
						10	1	M	2.00 " "
Average	10	11	M	1.43 " "					
					Average	10	6	M	1.58½ " "
Jan. 1847	10	2	M	1.25 " "					
	10	1	M	1.37½ " "	July 1851	10	1	M	1.25 " "
	10	4	M	1.50 " "		10	3	M	1.37½ " "
						10	3	M	1.50 " "
Average	10	7	M	1.41 " "		10	1	M	1.62½ " "
						10	1	M	1.75 " "
July 1847	10	3	M	1.25 " "		10	1	M	2.50 " "
	10	1	M	1.37½ " "					
	10	3	M	1.50 " "	Average	10	10	M	1.57½ " "
Average	10	7	M	1.37½ " "	Jan. 1852	10	6	M	1.37½ " "
						10	17	M	1.50 " "
Jan. 1848	10	3	M	1.25 " "		10	6	M	1.62½ " "
	10	2	M	1.37½ " "		10	1	M	1.75 " "
	10	4	M	1.50 " "		10	1	M	2.50 " "
Average	10	9	M	1.39 " "	Average	10	31	M	1.54 " "
July 1848	10	3	M	1.25 " "	July 1852	10	3	M	1.25 " "
	10	5	M	1.37½ " "		10	11	M	1.37½ " "
	10	7	M	1.50 " "		10	39	M	1.50 " "
	10	1	M	2.00 " "		10	11	M	1.62½ " "
						10	2	M	1.75 " "
Average	10	16	M	1.44½ " "		10	1	M	2.50 " "
Jan. 1849	10	1	M	1.25 " "	Average	10	67	M	1.51 " "
	10	1	M	1.31 " "					
	10	1	M	1.37½ " "	Jan. 1853	10	3	M	1.25 " "
	10	6	M	1.50 " "		10	6	M	1.37½ " "
	10	1	M	1.75 " "		10	31	M	1.50 " "
	10	1	M	2.00 " "		10	5	M	1.62½ " "
						10	4	M	1.75 " "
Average	10	11	M	1.51½ " "		10	1	M	2.50 " "
July 1849	10	1	M	1.37½ " "	Average	10	50	M	1.52½ " "
	10	2	M	1.50 " "					
	10	1	M	1.67½ " "	July 1853	10	2	M	1.37½ " "
	10	1	M	2.00 " "		10	27	M	1.50 " "
						10	15	M	1.62½ " "
Average	10	5	M	1.61 " "		10	7	M	1.75 " "
						10	1	M	1.87½ " "
Jan. 1850	10	1	M	1.12½ " "		10	1	M	2.50 " "
	10	1	M	1.37½ " "					
	10	4	M	1.50 " "	Average	10	53	M	1.59 " "
	10	1	M	1.67½ " "					
	10	1	M	1.75 " "	Jan. 1854	10	5	M	1.50 " "
	10	1	M	2.00 " "		10	4	M	1.62½ " "
						10	4	M	1.75 " "
Average	10	9	M	1.54½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854–conc'd.	10	1	M	$1.87½ per day.
	10	1	M	2.50 " "
Average	10	15	M	1.69 " "
July 1854	10	4	M	1.50 " "
	10	3	M	1.62½ " "
	10	6	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	15	M	1.72½ " "
Jan. 1855	10	4	M	1.50 " "
	10	7	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	14	M	1.68½ " "
July 1855	10	3	M	1.50 " "
	10	2	M	1.62½ " "
	10	3	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	10	M	1.73½ " "
Jan. 1856	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	4	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	9	M	1.78 " "
July 1856	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	4	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	10	M	1.73½ " "
Jan. 1857	10	4	M	1.62½ " "
	10	7	M	1.75 " "
	10	1	M	2.50 " "
Average	10	12	M	1.77 " "
July 1857	10	2	M	1.62½ " "
	10	7	M	1.75 " "
	10	1	M	2.50 " "
Average	10	10	M	1.80 " "
Jan. 1858	10	2	M	1.62½ " "
	10	6	M	1.75 " "
Average	10	8	M	1.72 " "
July 1858	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	5	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	9	M	1.58½ " "
Jan. 1859	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	4	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	8	M	1.58 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1859	10	1	M	$1.37½ per day.
	10	2	M	1.50 " "
	10	4	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	8	M	1.58 " "
Jan. 1860	10	2	M	1.50 " "
	10	5	M	1.62½ " "
Average	10	7	M	1.59 " "
July 1860	10	2	M	1.50 " "
	10	5	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	8	M	1.61 " "
Jan. 1861	10	2	M	1.50 " "
	10	4	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	8	M	1.62½ " "
July 1861	10	2	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.67½ " "
Average	10	6	M	1.59 " "
Jan. 1862	10	1	M	1.37½ " "
	10	3	M	1.50 " "
	10	2	M	1.62½ " "
Average	10	6	M	1.52 " "
July 1862	10	4	M	1.50 " "
	10	4	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	9	M	1.58½ " "
Jan. 1863	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	2	M	1.62½ " "
	10	3	M	1.75 " "
Average	10	8	M	1.61 " "
July 1863	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	5	M	1.75 " "
	10	2	M	1.83 " "
	10	1	M	1.87½ " "
Average	10	12	M	1.69 " "
Jan. 1864	10	2	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	1.83 " "
	10	4	M	1.87½ " "
	10	4	M	2.00 " "
Average	10	13	M	1.83⅛ " "
July 1864	10	1	M	1.75 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	8	M	2.50 " "
	10	1	M	2.75 " "
Average	10	13	M	2.40½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865	10	1	M	$1.75 per day.
	10	1	M	2.25 " "
	10	9	M	2.50 " "
	10	1	M	2.75 " "
Average	10	12	M	2.43⅜ " "
July 1865	10	1	M	1.87½ " "
	10	2	M	2.25 " "
	10	8	M	2.50 " "
	10	1	M	2.75 " "
Average	10	12	M	2.42½ " "
Jan. 1866	10	1	M	1.75 " "
	10	1	M	2.12½ " "
	10	1	M	2.33 " "
	10	10	M	2.50 " "
	10	1	M	2.75 " "
Average	10	14	M	2.42½ " "
July 1866	10	1	M	1.75 " "
	10	1	M	2.12½ " "
	10	1	M	2.33 " "
	10	9	M	2.50 " "
	10	1	M	2.75 " "
Average	10	13	M	2.42 " "
Jan. 1867	10	1	M	2.00 " "
	10	12	M	2.50 " "
	10	1	M	2.62½ " "
	10	1	M	2.87½ " "
Average	10	15	M	2.50 " "
July 1867	10	2	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	4	M	2.50 " "
	10	3	M	3.00 " "
Average	10	11	M	2.49 " "
Jan. 1868	10	1	M	2.00 " "
	10	5	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	9	M	2.61 " "
July 1868	10	2	M	2.00 " "
	10	6	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	11	M	2.54½ " "
Jan. 1869	10	1	M	1.87½ " "
	10	2	M	2.00 " "
	10	1	M	2.35 " "
	10	6	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	14	M	2.50 " "
July 1869	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.25 " "
July 1869–conc'd.	10	6	M	$2.50 per day.
	10	2	M	2.75 " "
Average	10	11	M	2.40 " "
Jan. 1870	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	6	M	2.50 " "
	10	3	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	15	M	2.50 " "
July 1870	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.25 " "
	10	6	M	2.50 " "
	10	2	M	2.75 " "
Average	10	11	M	2.40 " "
Jan. 1871	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	7	M	2.50 " "
	10	1	M	2.62½ " "
	10	3	M	2.75 " "
Average	10	13	M	2.46 " "
July 1871	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	6	M	2.50 " "
	10	1	M	2.62½ " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
Average	10	15	M	2.55 " "
Jan. 1872	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	7	M	2.50 " "
	10	1	M	2.62½ " "
	10	5	M	2.75 " "
	10	1	M	3.00 " "
Average	10	16	M	2.53 " "
July 1872	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	6	M	2.50 " "
	10	1	M	2.62½ " "
	10	9	M	2.75 " "
	10	1	M	3.00 " "
Average	10	22	M	2.51½ " "
Jan. 1873	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	4	M	2.50 " "
	10	2	M	2.62½ " "
	10	6	M	2.75 " "
	10	1	M	3.00 " "
Average	10	16	M	2.42 " "
July 1873	10	2	M	2.00 " "
	10	4	M	2.50 " "
	10	1	M	2.62½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873 conc'd.	10	5	M	$2.75 per day.
	10	2	M	3.00 " "
Average	10	14	M	2.60 " "
Jan. 1874	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	5	M	2.50 " "
	10	1	M	2.62½ " "
	10	6	M	2.75 " "
	10	2	M	3.00 " "
Average	10	16	M	2.61½ " "
July 1874	10	1	M	2.00 " "
	10	4	M	2.50 " "
	10	1	M	2.62½ " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
Average	10	12	M	2.63½ " "
Jan. 1875	10	1	M	2.00 " "
	10	4	M	2.50 " "
	10	1	M	2.62½ " "
	10	4	M	2.75 " "
	10	2	M	3.00 " "
Average	10	12	M	2.63½ " "
July 1875	10	1	M	2.00 " "
	10	3	M	2.50 " "
	10	1	M	2.62½ " "
	10	4	M	2.75 " "
	10	1	M	3.00 " "
Average	10	10	M	2.61½ " "
Jan. 1876	10	1	M	2.00 " "
	10	6	M	2.50 " "
	10	3	M	2.75 " "
Average	10	10	M	2.52½ " "
July 1876	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	8	M	2.50 " "
Average	10	12	M	2.39½ " "
Jan. 1877	10	2	M	2.00 " "
	10	6	M	2.25 " "
Average	10	8	M	2.18⅛ " "
July 1877	10	4	M	2.00 " "
	10	5	M	2.25 " "
Average	10	9	M	2.14 " "
Jan. 1878	10	3	M	2.00 " "
	10	4	M	2.25 " "
Average	10	7	M	2.14½ " "
July 1878	10	2	M	2.00 " "
	10	5	M	2.25 " "
Average	10	7	M	2.18 " "
Jan. 1879	10	1	M	1.80 " "
	10	2	M	2.00 " "
	10	1	M	2.12½ " "
	10	4	M	2.25 " "
Average	10	8	M	2.11⅓ " "
July 1879	10	1	M	$1.80 per day.
	10	1	M	1.85 " "
	10	2	M	2.00 " "
	10	5	M	2.12½ " "
Average	10	9	M	2.03 " "
Jan. 1880	10	1	M	1.80 " "
	10	4	M	2.00 " "
	10	5	M	2.12½ " "
	10	1	M	2.25 " "
Average	10	11	M	2.06 " "
July 1880	10	1	M	2.00 " "
	10	4	M	2.12½ " "
	10	8	M	2.25 " "
	10	2	M	2.50 " "
Average	10	15	M	2.23½ " "
Jan. 1881	10	1	M	2.00 " "
	10	5	M	2.12½ " "
	10	9	M	2.25 " "
	10	1	M	2.37½ " "
	10	2	M	2.50 " "
Average	10	18	M	2.23½ " "
July 1881	10	1	M	2.00 " "
	10	6	M	2.12½ " "
	10	5	M	2.25 " "
	10	9	M	2.37½ " "
	10	8	M	2.50 " "
	10	2	M	2.62½ " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	34	M	2.38⅓ " "
Jan. 1882	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	5	M	2.37½ " "
	10	11	M	2.50 " "
	10	2	M	2.62½ " "
	10	2	M	2.75 " "
Average	10	23	M	2.45½ " "
July 1882	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.37½ " "
	10	9	M	2.50 " "
	10	4	M	2.62½ " "
Average	10	19	M	2.43 " "
Jan. 1883	10	2	M	2.00 " "
	10	5	M	2.25 " "
	10	3	M	2.37½ " "
	10	6	M	2.50 " "
	10	6	M	2.62½ " "
Average	10	22	M	2.41½ " "
July 1883	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	2	M	2.37½ " "
	10	4	M	2.50 " "
	10	2	M	2.62½ " "
	10	1	M	2.75 " "
Average	10	13	M	2.42½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884	10	1	M	$2.25 per day.	Jan. 1888	10	1	M	$2.12½ per day.
	10	2	M	2.37½ " "		10	5	M	2.37½ " "
	10	4	M	2.50 " "		10	8	M	2.50 " "
	10	2	M	2.62½ " "		10	1	M	2.62½ " "
	10	1	M	2.75 " "		10	1	M	2.75 " "
Average	10	10	M	2.50 " "	Average	10	16	M	2.46 " "
July 1884	10	1	M	2.25 " "	July 1888	10	1	M	2.27½ " "
	10	3	M	2.37½ " "		10	2	M	2.37½ " "
	10	6	M	2.50 " "		10	10	M	2.50 " "
	10	2	M	2.62½ " "		10	1	M	2.60 " "
						10	1	M	2.62½ " "
Average	10	12	M	2.47 " "		10	1	M	2.75 " "
					Average	10	16	M	2.50 " "
Jan. 1885	10	2	M	2.00 " "	Jan. 1889	10	2	M	2.25 " "
	10	2	M	2.25 " "		10	1	M	2.27½ " "
	10	2	M	2.37½ " "		10	2	M	2.37½ " "
	10	4	M	2.50 " "		10	8	M	2.50 " "
	10	2	M	2.62½ " "		10	2	M	2.62½ " "
						10	1	M	2.75 " "
Average	10	12	M	2.37½ " "					
					Average	10	16	M	2.47 " "
July 1885	10	1	M	2.00 " "	July 1889	10	1	M	1.87½ " "
	10	3	M	2.25 " "		10	1	M	2.25 " "
	10	2	M	2.37½ " "		10	2	M	2.37½ " "
	10	5	M	2.50 " "		10	8	M	2.50 " "
	10	1	M	2.62½ " "		10	3	M	2.75 " "
	10	2	M	2.75 " "					
Average	10	14	M	2.43½ " "	Average	10	15	M	2.47½ " "
Jan. 1886	10	1	M	2.00 " "	Jan. 1890	10	1	M	1.87½ " "
	10	6	M	2.25 " "		10	1	M	2.27½ " "
	10	2	M	2.37½ " "		10	2	M	2.37½ " "
	10	6	M	2.50 " "		10	6	M	2.50 " "
	10	2	M	2.75 " "		10	1	M	2.62½ " "
						10	3	M	2.75 " "
Average	10	17	M	2.39½ " "					
					Average	10	14	M	2.48½ " "
July 1886	10	1	M	1.75 " "	July 1890	10	2	M	2.25 " "
	10	1	M	2.12½ " "		10	1	M	2.27½ " "
	10	5	M	2.25 " "		10	2	M	2.37½ " "
	10	6	M	2.37½ " "		10	10	M	2.50 " "
	10	6	M	2.50 " "		10	1	M	2.62½ " "
	10	1	M	2.62½ " "		10	4	M	2.75 " "
	10	2	M	2.75 " "					
Average	10	22	M	2.38½ " "	Average	10	20	M	2.50½ " "
Jan. 1887	10	1	M	2.12½ " "	Jan. 1891	10	1	M	2.25 " "
	10	2	M	2.25 " "		10	1	M	2.27½ " "
	10	4	M	2.37½ " "		10	1	M	2.37½ " "
	10	4	M	2.50 " "		10	7	M	2.50 " "
	10	2	M	2.75 " "		10	1	M	2.62½ " "
						10	4	M	2.75 " "
Average	10	13	M	2.43½ " "	Average	10	15	M	2.53½ " "
July 1887	10	2	M	2.12½ " "	July 1891	10	1	M	2.25 " "
	10	5	M	2.37½ " "		10	1	M	2.27½ " "
	10	7	M	2.50 " "		10	10	M	2.50 " "
	10	1	M	2.75 " "		10	5	M	2.75 " "
Average	10	15	M	2.42½ " "	Average	10	17	M	2.54½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS' APPRENTICES.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1848	10	1	M	$0.37½ per day.
Jan. 1849	10	1	M	.37½ " "
July 1849	10	1	M	.41 " "
Jan. 1850	10	1	M	.62½ " "
July 1850	10	1	M	.62½ " "
Jan. 1851	10	1	M	.41 " "
	10	1	M	.68 " "
Average	10	2	M	.54½ " "
July 1851	10	1	M	.41 " "
	10	1	M	.50 " "
	10	1	M	.68 " "
Average	10	3	M	.53 " "
Jan. 1852	10	2	M	.50 " "
July 1852	10	2	M	.50 " "
	10	1	M	.62½ " "
Average	10	3	M	.54 " "
Jan. 1853	10	1	M	.37½ " "
	10	1	M	.50 " "
	10	1	M	.62½ " "
	10	2	M	.75 " "
Average	10	5	M	.60 " "
July 1853	10	1	M	.25 " "
	10	2	M	.37½ " "
	10	2	M	.62½ " "
	10	1	M	.75 " "
Average	10	6	M	.50 " "
Jan. 1854	10	1	M	.25 " "
	10	2	M	.50 " "
	10	1	M	.75 " "
Average	10	4	M	.50 " "
July 1854	10	1	M	.37½ " "
	10	2	M	.50 " "
Average	10	3	M	.46 " "
Jan. 1855	10	1	M	.37½ " "
	10	1	M	.50 " "
	10	1	M	.62½ " "
Average	10	3	M	.50 " "
July 1855	10	2	M	.50 " "
	10	1	M	.62½ " "
Average	10	3	M	.54 " "
Jan. 1856	10	1	M	.50 " "
	10	1	M	.62½ " "
	10	1	M	.75 " "
Average	10	3	M	.62½ " "
July 1856	10	2	M	.62½ " "
	10	1	M	.75 " "
Average	10	3	M	.66⅔ " "
Jan. 1857	10	1	M	$0.62½ per day.
	10	2	M	.75 " "
	10	1	M	.87½ " "
Average	10	4	M	.75 " "
July 1857	10	1	M	.87½ " "
Jan. 1863	10	1	M	.33 " "
July 1863	10	2	M	.33 " "
Jan. 1864	10	1	M	.37½ " "
	10	1	M	.50 " "
Average	10	2	M	.43¾ " "
July 1864	10	1	M	.75 " "
Jan. 1866	10	1	M	.87½ " "
July 1866	10	1	M	.87½ " "
Jan. 1867	10	1	M	1.00 " "
July 1867	10	2	M	.50 " "
Jan. 1868	10	2	M	.50 " "
July 1868	10	1	M	.67½ " "
	10	1	M	.83⅓ " "
Average	10	2	M	.75½ " "
Jan. 1869	10	1	M	.67½ " "
	10	1	M	.83⅓ " "
Average	10	2	M	.75½ " "
July 1869	10	1	M	.50 " "
	10	1	M	.83⅓ " "
	10	1	M	1.00 " "
Average	10	3	M	.78 " "
Jan. 1870	10	1	M	.50 " "
	10	1	M	.67½ " "
	10	1	M	.83⅓ " "
Average	10	3	M	.67 " "
July 1870	10	1	M	.50 " "
	10	2	M	1.00 " "
Average	10	3	M	.83⅓ " "
Jan. 1871	10	1	M	1.00 " "
July 1871	10	1	M	1.00 " "
Jan. 1872	10	1	M	1.00 " "
Jan. 1873	10	1	M	.50 " "
July 1873	10	1	M	.50 " "
Jan. 1874	10	1	M	.75 " "
July 1874	10	1	M	.50 " "
Jan. 1875	10	1	M	.50 " "
July 1875	10	1	M	.87½ " "
Jan. 1876	10	1	M	1.00 " "
July 1880	10	1	M	.42½ " "
	10	1	M	.62½ " "
Average	10	2	M	.52½ " "
Jan. 1881	10	1	M	.42½ " "
	10	1	M	.62½ " "
Average	10	2	M	.52½ " "
July 1881	10	1	M	.58½ " "
	10	1	M	1.00 " "
Average	10	2	M	.79½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1882	10	1	M	$0.42½ per day.	Jan. 1884	10	1	M	$0.75 per day.
	10	1	M	.75 " "		10	1	M	.83½ " "
Average	10	2	M	.58½ " "	Average	10	2	M	.79½ " "
July 1882	10	1	M	.42½ " "					
	10	1	M	.82½ " "	July 1884	10	2	M	.83½ " "
	10	1	M	.83½ " "	Jan. 1885	10	1	M	1.00 " "
	10	1	M	1.00 " "	July 1887	10	1	M	.40 " "
					Jan. 1888	10	1	M	.40 " "
Average	10	4	M	.77 " "	July 1888	10	1	M	.48½ " "
					Jan. 1889	10	1	M	.56½ " "
Jan. 1883	10	1	M	.62½ " "	July 1889	10	1	M	.31½ " "
	10	1	M	.82½ " "	Jan. 1890	10	1	M	.31½ " "
	10	1	M	.83½ " "	July 1890	10	2	M	.40 " "
					Jan. 1891	10	2	M	.48½ " "
Average	10	3	M	.76 " "					
					July 1891	10	1	M	.48½ " "
July 1883	10	1	M	.62½ " "		10	1	M	.56½ " "
	10	1	M	.83½ " "					
Average	10	2	M	.73 " "	Average	10	2	M	.52½ " "

MACHINISTS' HELPERS.

Jan. 1852	10	1	M	.75 per day.	July 1856	10	2	M	.87½ per day.
						10	1	M	1.00 " "
July 1852	10	1	M	.62½ " "		10	1	M	1.17 " "
	10	2	M	.75 " "		10	1	M	1.37½ " "
Average	10	3	M	.71 " "	Average	10	5	M	1.06 " "
Jan. 1853	10	4	M	.75 " "	Jan. 1857	10	2	M	.87½ " "
	10	2	M	.87½ " "		10	1	M	1.00 " "
						10	1	M	1.17 " "
Average	10	6	M	.79 " "		10	1	M	1.25 " "
						10	2	M	1.50 " "
July 1853	10	1	M	.75 " "					
	10	1	M	1.00 " "	Average	10	7	M	1.16½ " "
	10	1	M	1.25 " "					
					July 1857	10	1	M	.87½ " "
Average	10	3	M	1.00 " "		10	3	M	1.00 " "
						10	1	M	1.12½ " "
Jan. 1854	10	1	M	.75 " "		10	1	M	1.17 " "
	10	2	M	.87½ " "		10	2	M	1.50 " "
	10	2	M	1.00 " "					
					Average	10	8	M	1.14½ " "
Average	10	5	M	.90 " "					
					Jan. 1858	10	1	M	.87½ " "
July 1854	10	1	M	.75 " "		10	2	M	1.00 " "
	10	2	M	.87½ " "		10	1	M	1.12½ " "
	10	1	M	1.00 " "		10	1	M	1.17 " "
	10	1	M	1.17 " "		10	1	M	1.50 " "
Average	10	5	M	.93½ " "	Average	10	6	M	1.11 " "
Jan. 1855	10	4	M	.87½ " "	July 1858	10	1	M	.87½ " "
	10	1	M	1.17 " "		10	4	M	1.00 " "
						10	1	M	1.12½ " "
Average	10	5	M	.93½ " "		10	1	M	1.17 " "
						10	1	M	1.37½ " "
July 1855	10	4	M	.87½ " "					
	10	1	M	1.17 " "	Average	10	8	M	1.07 " "
Average	10	5	M	.93½ " "	Jan. 1859	10	1	M	.87½ " "
						10	4	M	1.00 " "
Jan. 1856	10	3	M	.87½ " "		10	1	M	1.12½ " "
	10	1	M	1.17 " "		10	1	M	1.17 " "
	10	1	M	1.25 " "		10	1	M	1.37½ " "
Average	10	5	M	1.01 " "	Average	10	8	M	1.07 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1859	10	1	M	$0.87½ per day.
	10	3	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.17 " "
	10	1	M	1.37½ " "
Average	10	8	M	1.08½ " "
Jan. 1860	10	1	M	.87½ " "
	10	2	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.17 " "
	10	1	M	1.37½ " "
Average	10	7	M	1.09½ " "
July 1860	10	1	M	.87½ " "
	10	2	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.17 " "
	10	1	M	1.37½ " "
Average	10	7	M	1.09½ " "
Jan. 1861	10	1	M	.87½ " "
	10	2	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.17 " "
	10	1	M	1.37½ " "
Average	10	7	M	1.09½ " "
July 1861	10	1	M	.83⅓ " "
	10	1	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	1	M	1.17 " "
Average	10	5	M	1.00 " "
Jan. 1862	10	1	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	1	M	1.17 " "
Average	10	4	M	1.04½ " "
July 1862	10	1	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	1	M	1.17 " "
Average	10	4	M	1.04½ " "
Jan. 1863	10	1	M	.87½ " "
	10	1	M	1.17 " "
Average	10	2	M	1.02½ " "
July 1863	10	1	M	1.12½ " "
	10	1	M	1.17 " "
Average	10	2	M	1.14½ " "
Jan. 1864	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
July 1864	10	1	M	1.50 " "
	10	4	M	1.62½ " "
Average	10	5	M	1.60 " "
Jan. 1865	10	2	M	$1.50 per day.
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	5	M	1.60 " "
July 1865	10	1	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.62½ " "
Jan. 1866	10	1	M	1.00 " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	5	M	1.52½ " "
July 1866	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	5	M	1.57½ " "
Jan. 1867	10	1	M	1.12½ " "
	10	1	M	1.25 " "
	10	2	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	6	M	1.52 " "
July 1867	10	2	M	1.25 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	5	M	1.50 " "
Jan. 1868	10	2	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	5	M	1.60 " "
July 1868	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.59½ " "
Jan. 1869	10	1	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.62½ " "
July 1869	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	3	M	1.62½ " "
Jan. 1870	10	2	M	1.50 " "
	10	2	M	1.62½ " "
Average	10	4	M	1.56¼ " "
July 1870	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	3	M	1.62½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1871	10	2	M	$1.00 per day.
	10	3	M	1.50 " "
	10	2	M	1.75 " "
Average	10	7	M	1.43 " "
July 1871	10	1	M	1.00 " "
	10	3	M	1.50 " "
	10	2	M	1.75 " "
Average	10	6	M	1.50 " "
Jan. 1872	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
Average	10	4	M	1.56½ " "
July 1872	10	1	M	1.25 " "
	10	2	M	1.75 " "
Average	10	3	M	1.58⅓ " "
Jan. 1873	10	3	M	1.75 " "
July 1873	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	3	M	1.83⅓ " "
Jan. 1874	10	1	M	1.00 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	5	M	1.60 " "
July 1874	10	2	M	1.50 " "
	10	2	M	2.00 " "
Average	10	4	M	1.75 " "
Jan. 1875	10	1	M	1.00 " "
	10	2	M	1.50 " "
	10	2	M	2.00 " "
Average	10	5	M	1.60 " "
July 1875	10	1	M	1.00 " "
	10	2	M	1.50 " "
	10	2	M	2.00 " "
Average	10	5	M	1.60 " "
Jan. 1876	10	1	M	1.00 " "
	10	2	M	1.50 " "
	10	2	M	2.00 " "
Average	10	5	M	1.60 " "
July 1876	10	2	M	1.50 " "
	10	1	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	5	M	1.77½ " "
Jan. 1877	10	1	M	1.50 " "
	10	1	M	1.70 " "
	10	2	M	1.80 " "
Average	10	4	M	1.70 " "
July 1877	10	1	M	1.25 " "
	10	1	M	1.50 " "
July 1877–concl'd.	10	1	M	$1.70 per day.
	10	2	M	1.80 " "
Average	10	5	M	1.61 " "
Jan. 1878	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	2	M	1.80 " "
Average	10	4	M	1.58⅓ " "
July 1878	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	2	M	1.80 " "
Average	10	4	M	1.58½ " "
Jan. 1879	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.80 " "
Average	10	3	M	1.51⅓ " "
July 1879	10	3	M	1.25 " "
	10	1	M	1.72½ " "
Average	10	4	M	1.37 " "
Jan. 1880	10	2	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.72½ " "
Average	10	4	M	1.40 " "
July 1880	10	3	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	5	M	1.50 " "
Jan. 1881	10	2	M	1.37½ " "
	10	3	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	7	M	1.55½ " "
July 1881	10	2	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	6	M	1.64⅓ " "
Jan. 1882	10	2	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	5	M	1.42½ " "
July 1882	10	5	M	1.25 " "
	10	8	M	1.50 " "
	10	2	M	2.00 " "
Average	10	15	M	1.48½ " "
Jan. 1883	10	4	M	1.25 " "
	10	7	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	12	M	1.45 " "
July 1883	10	1	M	1.25 " "
	10	5	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883–cone'd.	10	1	M	$1.75 per day.
	10	1	M	1.87½ " "
Average	10	8	M	1.54½ " "
Jan. 1884	10	4	M	1.50 " "
	10	1	M	1.75 " "
	10	2	M	2.00 " "
Average	10	7	M	1.68 " "
July 1884	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.75 " "
	10	2	M	2.00 " "
Average	10	6	M	1.66½ " "
Jan. 1885	10	3	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
Average	10	5	M	1.61 " "
July 1885	10	4	M	1.50 " "
	10	1	M	1.75 " "
Average	10	5	M	1.55 " "
Jan. 1886	10	4	M	1.50 " "
	10	1	M	1.75 " "
Average	10	5	M	1.55 " "
July 1886	10	3	M	1.50 " "
	10	1	M	1.70 " "
Average	10	4	M	1.55 " "
Jan. 1887	10	4	M	1.50 " "
	10	1	M	1.70 " "
Average	10	5	M	1.54 " "
July 1887	10	3	M	$1.50 per day.
	10	1	M	1.70 " "
Average	10	4	M	1.55 " "
Jan. 1888	10	3	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "
Average	10	5	M	1.56½ " "
July 1888	10	1	M	1.50 " "
	10	1	M	1.70 " "
Average	10	2	M	1.60 " "
Jan. 1889	10	4	M	1.50 " "
	10	1	M	1.70 " "
	10	1	M	1.89 " "
Average	10	6	M	1.58½ " "
July 1889	10	4	M	1.50 " "
	10	1	M	1.70 " "
Average	10	5	M	1.54 " "
Jan. 1890	10	4	M	1.50 " "
	10	1	M	1.70 " "
Average	10	5	M	1.54 " "
July 1890	10	4	M	1.50 " "
	10	1	M	1.70 " "
Average	10	5	M	1.54 " "
Jan. 1891	10	3	M	1.50 " "
July 1891	10	6	M	1.50 " "

MOULDERS.

Jan. 1846	10	3	M	1.25 per day.
	10	2	M	1.50 " "
Average	10	5	M	1.35 " "
July 1846	10	2	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
Average	10	5	M	1.37½ " "
Jan. 1847	10	2	M	1.25 " "
	10	1	M	1.37½ " "
	10	3	M	1.50 " "
Average	10	6	M	1.39½ " "
July 1847	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	3	M	1.50 " "
Average	10	5	M	1.42½ " "
Jan. 1848	10	2	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
Average	10	5	M	1.37½ " "
July 1848	10	1	M	1.25 per day.
	10	2	M	1.37½ " "
	10	4	M	1.50 " "
Average	10	7	M	1.43 " "
Jan. 1849	10	2	M	1.37½ " "
	10	3	M	1.50 " "
	10	1	M	1.67½ " "
Average	10	6	M	1.48½ " "
July 1849	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.67½ " "
Average	10	4	M	1.51½ " "
Jan. 1850	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.67½ " "
Average	10	5	M	1.46 " "
July 1850	10	1	M	1.25 " "
	10	1	M	1.37½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1850–conc'd.	10	2	M	$1.50 per day.
	10	1	M	1.67½ " "
Average	10	5	M	1.46 " "
Jan. 1851	10	3	M	1.37½ " "
	10	1	M	1.62½ " "
	10	1	M	1.83 " "
Average	10	5	M	1.51½ " "
July 1851	10	2	M	1.37½ " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.83 " "
Average	10	5	M	1.59 " "
Jan. 1852	10	2	M	1.37½ " "
	10	7	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.83 " "
Average	10	13	M	1.54½ " "
July 1852	10	1	M	1.37½ " "
	10	7	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.83 " "
Average	10	10	M	1.53½ " "
Jan. 1853	10	1	M	1.37½ " "
	10	3	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.83 " "
Average	10	6	M	1.55½ " "
July 1853	10	3	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.83 " "
Average	10	8	M	1.62 " "
Jan. 1854	10	2	M	1.50 " "
	10	3	M	1.75 " "
	10	1	M	2.00 " "
Average	10	6	M	1.71 " "
July 1854	10	1	M	1.50 " "
	10	2	M	1.62½ " "
	10	4	M	1.75 " "
	10	1	M	2.00 " "
Average	10	8	M	1.72 " "
Jan. 1855	10	2	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	7	M	1.66 " "
July 1855	10	2	M	1.50 " "
	10	3	M	1.62½ " "
Average	10	5	M	1.57½ " "
Jan. 1856	10	3	M	1.50 " "
	10	3	M	1.62½ " "
Jan. 1856–conc'd.	10	1	M	$1.75 per day.
	10	1	M	2.00 " "
Average	10	8	M	1.64 " "
July 1856	10	2	M	1.50 " "
	10	4	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	8	M	1.65½ " "
Jan. 1857	10	2	M	1.50 " "
	10	3	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	8	M	1.67 " "
July 1857	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	5	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	9	M	1.80½ " "
Jan. 1858	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	4	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	8	M	1.81½ " "
July 1858	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.69 " "
	10	1	M	2.25 " "
Average	10	6	M	1.67½ " "
Jan. 1859	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.69 " "
	10	1	M	2.25 " "
Average	10	6	M	1.67½ " "
July 1859	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.69 " "
	10	1	M	2.25 " "
Average	10	7	M	1.67 " "
Jan. 1860	10	3	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	2.25 " "
Average	10	7	M	1.66 " "
July 1860	10	3	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	2.25 " "
Average	10	7	M	1.66 " "
Jan. 1861	10	2	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	2.25 " "
Average	10	6	M	1.68½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1861	10	1	M	$1.50 per day.
	10	4	M	1.62½ " "
	10	1	M	2.00 " "
Average	10	6	M	1.66⅔ " "
Jan. 1862	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	2.00 " "
Average	10	4	M	1.65⅝ " "
July 1862	10	4	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	2.00 " "
Average	10	7	M	1.60⅔ " "
Jan. 1863	10	1	M	1.50 " "
	10	2	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	6	M	1.71 " "
July 1863	10	1	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	6	M	1.83⅓ " "
Jan. 1864	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	7	M	1.98 " "
July 1864	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
Average	10	8	M	2.29½ " "
Jan. 1865	10	1	M	1.75 " "
	10	2	M	2.00 " "
	10	5	M	2.50 " "
	10	1	M	2.75 " "
Average	10	9	M	2.33⅓ " "
July 1865	10	2	M	2.00 " "
	10	5	M	2.50 " "
	10	1	M	2.75 " "
Average	10	8	M	2.40½ " "
Jan. 1866	10	3	M	2.00 " "
	10	5	M	2.50 " "
	10	1	M	2.75 " "
Average	10	9	M	2.36 " "
July 1866	10	3	M	2.00 " "
	10	6	M	2.50 " "
	10	1	M	2.75 " "
Average	10	10	M	2.37½ " "
Jan. 1867	10	2	M	2.00 " "
	10	1	M	2.33 " "
Jan. 1867—cond.	10	6	M	$2.50 per day.
	10	1	M	2.75 " "
Average	10	10	M	2.41 " "
July 1867	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	5	M	3.00 " "
Average	10	11	M	2.70½ " "
Jan. 1868	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.75 " "
	10	5	M	3.00 " "
Average	10	8	M	2.79½ " "
July 1868	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	5	M	3.00 " "
Average	10	8	M	2.75 " "
Jan. 1869	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	4	M	3.00 " "
	10	1	M	3.50 " "
Average	10	8	M	2.87½ " "
July 1869	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	4	M	3.00 " "
	10	1	M	3.50 " "
Average	10	8	M	2.90½ " "
Jan. 1870	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	4	M	3.00 " "
	10	1	M	3.50 " "
Average	10	8	M	2.87½ " "
July 1870	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	4	M	3.00 " "
	10	1	M	3.50 " "
Average	10	8	M	2.90½ " "
Jan. 1871	10	1	M	2.50 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
Average	10	5	M	3.00 " "
July 1871	10	4	M	2.50 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
Average	10	7	M	2.78½ " "
Jan. 1872	10	3	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	5	M	2.80 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1872	10	1	M	$2.50 per day.
	10	3	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.50 " "
Average	10	6	M	2.87½ " "
Jan. 1873	10	1	M	2.50 " "
	10	2	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.50 " "
Average	10	6	M	2.91½ " "
July 1873	10	2	M	2.50 " "
	10	4	M	3.00 " "
Average	10	6	M	2.83½ " "
Jan. 1874	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	5	M	3.00 " "
Average	10	8	M	2.72 " "
July 1874	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	5	M	3.00 " "
Average	10	8	M	2.81½ " "
Jan. 1875	10	2	M	2.50 " "
	10	5	M	3.00 " "
Average	10	7	M	2.85½ " "
July 1875	10	2	M	2.50 " "
	10	5	M	3.00 " "
Average	10	7	M	2.85½ " "
Jan. 1876	10	2	M	2.50 " "
	10	5	M	3.00 " "
Average	10	7	M	2.85½ " "
July 1876	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	5	M	2.65 " "
Jan. 1877	10	1	M	2.12½ " "
	10	2	M	2.37½ " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	6	M	2.43½ " "
July 1877	10	1	M	2.12½ " "
	10	2	M	2.37½ " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
Average	10	7	M	2.44½ " "
Jan. 1878	10	1	M	2.12½ " "
	10	2	M	2.37½ " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
Average	10	8	M	2.45½ " "
July 1878	10	1	M	$2.12½ per day.
	10	3	M	2.37½ " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
Average	10	8	M	2.43½ " "
Jan. 1879	10	1	M	2.12½ " "
	10	2	M	2.37½ " "
	10	4	M	2.50 " "
	10	1	M	2.75 " "
Average	10	8	M	2.45½ " "
July 1879	10	1	M	1.87½ " "
	10	5	M	2.25 " "
	10	1	M	2.50 " "
Average	10	7	M	2.23 " "
Jan. 1880	10	1	M	1.87½ " "
	10	7	M	2.25 " "
	10	1	M	2.50 " "
Average	10	9	M	2.23½ " "
July 1880	10	1	M	1.87½ " "
	10	6	M	2.25 " "
	10	1	M	2.50 " "
Average	10	8	M	2.23½ " "
Jan. 1881	10	1	M	1.87½ " "
	10	8	M	2.25 " "
	10	1	M	2.50 " "
Average	10	10	M	2.23½ " "
July 1881	10	1	M	1.87½ " "
	10	4	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	7	M	2.50 " "
	10	1	M	2.75 " "
Average	10	15	M	2.31½ " "
Jan. 1882	10	1	M	1.75 " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	8	M	2.50 " "
	10	1	M	2.75 " "
Average	10	14	M	2.35½ " "
July 1882	10	2	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	7	M	2.75 " "
	10	1	M	3.00 " "
Average	10	12	M	2.61½ " "
Jan. 1883	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	10	M	2.75 " "
	10	1	M	3.00 " "
Average	10	14	M	2.66 " "
July 1883	10	1	M	2.00 " "
	10	1	M	2.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883—concl'd.	10	7	M	$2.75 per day.	Jan. 1888	10	2	M	$2.50 per day.
	10	1	M	3.00 " "		10	5	M	2.75 " "
						10	1	M	3.00 " "
Average	10	10	M	2.65 " "	Average	10	8	M	2.72 " "
Jan. 1884	10	1	M	2.00 " "	July 1888	10	1	M	2.50 " "
	10	1	M	2.37½ " "		10	5	M	2.75 " "
	10	6	M	2.75 " "		10	1	M	3.00 " "
	10	1	M	3.60 " "					
Average	10	9	M	2.65½ " "	Average	10	7	M	2.75 " "
July 1884	10	4	M	2.47½ " "	Jan. 1889	10	1	M	2.50 " "
	10	1	M	2.70 " "		10	3	M	2.62½ " "
						10	4	M	2.75 " "
Average	10	5	M	2.52 " "		10	1	M	3.00 " "
Jan. 1885	10	4	M	2.47½ " "	Average	10	9	M	2.71 " "
	10	1	M	2.70 " "	July 1889	10	1	M	2.00 " "
Average	10	5	M	2.52 " "		10	3	M	2.50 " "
						10	2	M	2.62½ " "
July 1885	10	1	M	2.12½ " "		10	4	M	2.75 " "
	10	5	M	2.47½ " "		10	1	M	3.00 " "
	10	1	M	2.70 " "					
Average	10	7	M	2.45½ " "	Average	10	11	M	2.61½ " "
					Jan. 1890	10	1	M	2.00 " "
Jan. 1886	10	1	M	2.12½ " "		10	1	M	2.50 " "
	10	5	M	2.47½ " "		10	1	M	2.62½ " "
	10	1	M	2.70 " "		10	4	M	2.75 " "
						10	1	M	3.00 " "
Average	10	7	M	2.45½ " "	Average	10	8	M	2.64 " "
July 1886	10	1	M	1.80 " "	July 1890	10	2	M	2.50 " "
	10	6	M	2.50 " "		10	1	M	2.62½ " "
	10	4	M	2.75 " "		10	4	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	12	M	2.56½ " "	Average	10	8	M	2.70½ " "
Jan. 1887	10	1	M	1.80 " "	Jan. 1891	10	1	M	2.12½ " "
	10	2	M	2.50 " "		10	4	M	2.50 " "
	10	3	M	2.75 " "		10	6	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.00 " "
Average	10	7	M	2.58 " "	Average	10	12	M	2.63½ " "
					July 1891	10	1	M	2.12½ " "
July 1887	10	1	M	2.50 " "		10	4	M	2.50 " "
	10	4	M	2.75 " "		10	1	M	2.62½ " "
	10	1	M	3.00 " "		10	2	M	2.75 " "
Average	10	6	M	2.75 " "	Average	10	8	M	2.53 " "

MOULDERS' APPRENTICES.

Jan. 1846	10	1	M	.62½ per day.	Jan. 1849	10	1	M	.41 per day.
July 1846	10	1	M	.62½ " "		10	2	M	.50 " "
Jan. 1847	10	1	M	.87½ " "	Average	10	3	M	.47 " "
July 1847	10	1	M	.40 " "	July 1849	10	1	M	.41 " "
	10	1	M	1.00 " "		10	2	M	.62½ " "
Average	10	2	M	.70 " "	Average	10	3	M	.55½ " "
Jan. 1848	10	1	M	.50 " "					
July 1848	10	1	M	.41 " "	Jan. 1850	10	1	M	.41 " "
	10	2	M	.50 " "		10	2	M	.62½ " "
Average	10	3	M	.47 " "	Average	10	3	M	.55½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1850	10	1	M	$0.25 per day.
	10	1	M	.41 " "
	10	2	M	.62½ " "
	10	1	M	.68 " "
Average	10	5	M	.52 " "
Jan. 1851	10	1	M	.25 " "
	10	1	M	.41 " "
	10	1	M	.75 " "
Average	10	3	M	.47 " "
July 1851	10	1	M	.37½ " "
	10	1	M	.41 " "
	10	1	M	.68 " "
	10	1	M	.75 " "
Average	10	4	M	.55½ " "
Jan. 1852	10	1	M	.37½ " "
	10	1	M	.50 " "
	10	1	M	1.12½ " "
Average	10	3	M	.66½ " "
July 1852	10	2	M	.50 " "
Jan. 1853	10	1	M	.37½ " "
	10	2	M	.50 " "
Average	10	3	M	.46 " "
July 1853	10	1	M	.37½ " "
	10	1	M	.50 " "
	10	1	M	.62½ " "
	10	1	M	.67½ " "
	10	1	M	.75 " "
Average	10	5	M	.58½ " "
Jan. 1854	10	1	M	.37½ " "
	10	1	M	.50 " "
	10	1	M	.62½ " "
Average	10	3	M	.50 " "
July 1854	10	1	M	.50 " "
	10	1	M	.62½ " "
	10	1	M	.75 " "
Average	10	3	M	.62½ " "
Jan. 1855	10	1	M	.50 " "
	10	1	M	.62½ " "
	10	1	M	.75 " "
Average	10	3	M	.62½ " "
July 1855	10	1	M	.62½ " "
	10	1	M	.75 " "
	10	1	M	.87½ " "
Average	10	3	M	.75 " "
Jan. 1856	10	1	M	.75 " "
July 1856	10	2	M	.33½ " "
Jan. 1857	10	2	M	.33½ " "
	10	1	M	.87½ " "
Average	10	3	M	.51½ " "
July 1857	10	2	M	.50 " "
	10	1	M	.87½ " "
Average	10	3	M	.62½ " "
Jan. 1858	10	1	M	$0.33½ per day.
	10	2	M	.50 " "
	10	1	M	.87½ " "
Average	10	4	M	.55½ " "
July 1858	10	4	M	.50 " "
	10	1	M	.81 " "
Average	10	5	M	.56 " "
Jan. 1859	10	4	M	.50 " "
	10	1	M	.81 " "
Average	10	5	M	.56 " "
July 1859	10	2	M	.50 " "
	10	1	M	.62½ " "
	10	1	M	.83½ " "
Average	10	4	M	.61½ " "
Jan. 1860	10	3	M	.62½ " "
	10	1	M	.83½ " "
Average	10	4	M	.67½ " "
July 1860	10	1	M	.62½ " "
	10	1	M	.67½ " "
	10	1	M	.83½ " "
Average	10	3	M	.71 " "
Jan. 1861	10	2	M	.62½ " "
	10	1	M	.83½ " "
Average	10	3	M	.69½ " "
July 1861	10	1	M	.62½ " "
Jan. 1862	10	1	M	.75 " "
July 1862	10	1	M	.75 " "
July 1864	10	1	M	.75 " "
Jan. 1865	10	1	M	.58 " "
	10	1	M	.75 " "
Average	10	2	M	.66½ " "
July 1865	10	1	M	.58 " "
Jan. 1866	10	1	M	.75 " "
July 1866	10	1	M	.67½ " "
	10	1	M	.75 " "
Average	10	2	M	.71½ " "
Jan. 1867	10	1	M	.50 " "
	10	1	M	.67½ " "
Average	10	2	M	.58½ " "
July 1867	10	1	M	.50 " "
Jan. 1868	10	2	M	.50 " "
July 1868	10	1	M	.62½ " "
	10	1	M	.67½ " "
Average	10	2	M	.65 " "
Jan. 1869	10	1	M	.83½ " "
July 1869	10	1	M	1.17½ " "
Jan. 1870	10	1	M	.67½ " "
July 1870	10	1	M	1.17½ " "
Jan. 1871	10	1	M	.67½ " "
July 1871	10	1	M	1.00 " "
Jan. 1872	10	1	M	1.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873	10	1	M	$0.50 per day.	Jan. 1875	10	1	M	$0.50 per day.
Jan. 1874	10	1	M	.50 " "	July 1875	10	1	M	.66½ " "
July 1874	10	1	M	.50 " "	Jan. 1876	10	1	M	.66½ " "

MOULDERS' HELPERS.

Jan. 1854	10	1	M	1.00 per day.	July 1860–conc'd.	10	1	M	1.12½ per day.
	10	1	M	1.25 " "		10	1	M	1.17 " "
Average	10	2	M	1.12½ " "	Average	10	4	M	1.09½ " "
July 1854	10	1	M	1.00 " "	Jan. 1861	10	1	M	1.00 " "
	10	2	M	1.25 " "		10	1	M	1.08 " "
						10	1	M	1.12½ " "
Average	10	3	M	1.16½ " "		10	1	M	1.17 " "
Jan. 1855	10	1	M	1.00 " "	Average	10	4	M	1.09½ " "
	10	1	M	1.25 " "	July 1861	10	1	M	1.00 " "
Average	10	2	M	1.12½ " "		10	1	M	1.17 " "
						10	1	M	1.25 " "
July 1855	10	1	M	1.00 " "	Average	10	3	M	1.14 " "
Jan. 1856	10	1	M	1.12½ " "	Jan. 1862	10	2	M	1.00 " "
	10	1	M	1.25 " "		10	1	M	1.17 " "
Average	10	2	M	1.18½ " "		10	1	M	1.25 " "
July 1856	10	1	M	1.17 " "	Average	10	4	M	1.10½ " "
	10	1	M	1.25 " "	July 1862	10	1	M	1.00 " "
	10	1	M	1.50 " "		10	1	M	1.08 " "
						10	1	M	1.17 " "
Average	10	3	M	1.30½ " "	Average	10	3	M	1.08½ " "
Jan. 1857	10	1	M	1.17 " "	Jan. 1863	10	2	M	1.00 " "
July 1857	10	1	M	1.08 " "		10	1	M	1.08 " "
	10	1	M	1.17 " "		10	1	M	1.17 " "
Average	10	2	M	1.12½ " "	Average	10	4	M	1.06½ " "
Jan. 1858	10	1	M	1.08 " "	July 1863	10	2	M	1.12½ " "
	10	1	M	1.17 " "		10	1	M	1.25 " "
Average	10	2	M	1.12½ " "		10	1	M	1.37½ " "
July 1858	10	1	M	1.08 " "	Average	10	4	M	1.22 " "
	10	1	M	1.12½ " "	Jan. 1864	10	2	M	1.12½ " "
	10	1	M	1.17 " "		10	1	M	1.37½ " "
Average	10	3	M	1.12½ " "	Average	10	3	M	1.21 " "
Jan. 1859	10	1	M	1.08 " "	July 1864	10	1	M	1.00 " "
	10	1	M	1.12½ " "		10	2	M	1.62½ " "
	10	1	M	1.17 " "					
Average	10	3	M	1.12½ " "	Average	10	3	M	1.41½ " "
July 1859	10	1	M	1.08 " "	Jan. 1865	10	1	M	1.00 " "
	10	1	M	1.12½ " "		10	2	M	1.62½ " "
	10	1	M	1.17 " "					
	10	1	M	1.25 " "	Average	10	3	M	1.41½ " "
Average	10	4	M	1.15½ " "	July 1865	10	1	M	1.12½ " "
Jan. 1860	10	1	M	1.08 " "		10	2	M	1.62½ " "
	10	1	M	1.12½ " "	Average	10	3	M	1.46 " "
	10	1	M	1.17 " "	Jan. 1866	10	1	M	1.50 " "
Average	10	3	M	1.12½ " "		10	1	M	1.62½ " "
						10	1	M	1.75 " "
July 1860	10	1	M	1.00 " "					
	10	1	M	1.08 " "	Average	10	3	M	1.62½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1866	10	1	M	$1.50 per day.	July 1871	10	3	M	$2.00 per day.
	10	1	M	1.62½ " "					
	10	1	M	1.75 " "	Jan. 1872	10	1	M	1.50 " "
						10	1	M	2.00 " "
Average	10	3	M	1.62½ " "					
					Average	10	2	M	1.75 " "
Jan. 1867	10	2	M	1.62½ " "					
	10	1	M	1.75 " "	July 1872	10	2	M	1.50 " "
						10	2	M	2.00 " "
Average	10	3	M	1.66⅔ " "					
					Average	10	4	M	1.75 " "
July 1867	10	1	M	1.00 " "					
	10	1	M	1.62½ " "	Jan. 1873	10	1	M	1.50 " "
	10	2	M	1.75 " "		10	3	M	2.00 " "
Average	10	4	M	1.53 " "	Average	10	4	M	1.87½ " "
Jan. 1868	10	1	M	1.00 " "	July 1873	10	4	M	2.00 " "
	10	1	M	1.62½ " "	Jan. 1874	10	1	M	2.00 " "
					July 1874	10	1	M	2.00 " "
Average	10	2	M	1.31½ " "	Jan. 1875	10	1	M	2.00 " "
					July 1875	10	1	M	2.00 " "
July 1868	10	1	M	1.00 " "	Jan. 1876	10	1	M	2.00 " "
	10	1	M	1.75 " "	July 1876	10	1	M	1.75 " "
					Jan. 1877	10	1	M	1.62½ " "
Average	10	2	M	1.37½ " "	July 1877	10	1	M	1.62½ " "
					Jan. 1878	10	1	M	1.62½ " "
Jan. 1869	10	1	M	1.17½ " "	July 1878	10	1	M	1.62½ " "
	10	2	M	2.00 " "	Jan. 1879	10	1	M	1.62½ " "
					July 1879	10	1	M	1.55 " "
Average	10	3	M	1.72½ " "	Jan. 1880	10	1	M	1.55 " "
					July 1880	10	1	M	1.55 " "
July 1869	10	1	M	1.17½ " "	Jan. 1881	10	1	M	1.55 " "
	10	2	M	2.00 " "	July 1881	10	1	M	1.62½ " "
					Jan. 1882	10	1	M	1.62½ " "
Average	10	3	M	1.72½ " "	July 1882	10	1	M	1.75 " "
					Jan. 1883	10	1	M	1.75 " "
Jan. 1870	10	1	M	1.17½ " "	July 1883	10	1	M	1.75 " "
	10	2	M	2.00 " "	Jan. 1884	10	1	M	1.57½ " "
					July 1884	10	1	M	1.57½ " "
Average	10	3	M	1.72½ " "	Jan. 1885	10	1	M	1.57½ " "
					July 1885	10	1	M	1.57½ " "
July 1870	10	1	M	1.18 " "	Jan. 1886	10	1	M	1.57½ " "
	10	2	M	2.00 " "	July 1886	10	1	M	1.57½ " "
					Jan. 1887	10	1	M	1.57½ " "
Average	10	3	M	1.72½ " "	July 1887	10	1	M	1.57½ " "
					Jan. 1888	10	1	M	1.57½ " "
Jan. 1871	10	1	M	1.50 " "	July 1888	10	1	M	1.57½ " "
	10	3	M	2.00 " "	Jan. 1889	10	1	M	1.57½ " "
Average	10	4	M	1.87½ " "					

PATTERNMAKERS.

Jan. 1846	10	2	M	1.25 per day.	July 1848	10	3	M	1.25 per day.
	10	1	M	1.37½ " "		10	3	M	1.37½ " "
Average	10	3	M	1.29 " "	Average	10	6	M	1.31½ " "
July 1846	10	2	M	1.25 " "					
	10	1	M	1.37½ " "	Jan. 1849	10	2	M	1.25 " "
						10	3	M	1.37½ " "
Average	10	3	M	1.29 " "	Average	10	5	M	1.32½ " "
Jan. 1847	10	2	M	1.25 " "	July 1849	10	2	M	1.25 " "
July 1847	10	1	M	1.25 " "		10	2	M	1.37½ " "
	10	2	M	1.37½ " "					
					Average	10	4	M	1.31½ " "
Average	10	3	M	1.33⅓ " "					
Jan. 1848	10	3	M	1.25 " "	Jan. 1850	10	2	M	1.25 " "
	10	2	M	1.37½ " "		10	2	M	1.37½ " "
Average	10	5	M	1.30 " "	Average	10	4	M	1.31½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1850	10	2	M	$1.25 per day.
	10	2	M	1.37½ " "
Average	10	4	M	1.31½ " "
Jan. 1851	10	2	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	4	M	1.34½ " "
July 1851	10	2	M	1.25 " "
	10	2	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	5	M	1.35 " "
Jan. 1852	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
Average	10	4	M	1.40½ " "
July 1852	10	2	M	1.37½ " "
	10	2	M	1.50 " "
Average	10	4	M	1.43½ " "
Jan. 1853	10	2	M	1.37½ " "
	10	2	M	1.50 " "
Average	10	4	M	1.43½ " "
July 1853	10	3	M	1.37½ " "
	10	1	M	1.50 " "
	10	2	M	1.62½ " "
Average	10	6	M	1.48 " "
Jan. 1854	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	4	M	1.50 " "
July 1854	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	5	M	1.57½ " "
Jan. 1855	10	1	M	1.37½ " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.59½ " "
July 1855	10	1	M	1.37½ " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.59½ " "
Jan. 1856	10	1	M	1.37½ " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	4	M	1.59½ " "
July 1856	10	1	M	1.37½ " "
	10	2	M	1.62½ " "
Average	10	3	M	1.54 " "
Jan. 1857	10	1	M	$1.50 per day.
	10	2	M	1.62½ " "
Average	10	3	M	1.58½ " "
July 1857	10	1	M	1.50 " "
	10	2	M	1.62½ " "
Average	10	3	M	1.58½ " "
Jan. 1858	10	1	M	1.50 " "
	10	2	M	1.62 " "
Average	10	3	M	1.58 " "
July 1858	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	3	M	1.50 " "
Jan. 1859	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	3	M	1.50 " "
July 1859	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	3	M	1.50 " "
Jan. 1860	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	3	M	1.50 " "
July 1860	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	3	M	1.50 " "
Jan. 1861	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	3	M	1.50 " "
July 1861	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.62½ " "
Average	10	3	M	1.41½ " "
Jan. 1862	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.62½ " "
Average	10	3	M	1.41½ " "
July 1862	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.62½ " "
Average	10	3	M	1.41½ " "
Jan. 1863	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.62½ " "
Average	10	3	M	1.41½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1863	10	1	M	$1.37½ per day.
	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	3	M	1.54 " "
Jan. 1864	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	3	M	1.58½ " "
July 1864	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	3	M	2.04 " "
Jan. 1865	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	3	M	2.04 " "
July 1865	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	3	M	2.04 " "
Jan. 1866	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	4	M	2.03 " "
July 1866	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	4	M	2.03 " "
Jan. 1867	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	3	M	2.08½ " "
July 1867	10	2	M	2.00 " "
	10	1	M	2.75 " "
Average	10	3	M	2.25 " "
Jan. 1868	10	2	M	2.00 " "
	10	1	M	2.75 " "
Average	10	3	M	2.25 " "
July 1868	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.75 " "
Average	10	3	M	2.33½ " "
Jan. 1869	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.75 " "
Average	10	3	M	2.33½ " "
July 1869	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	3	M	2.83½ " "
Jan. 1870	10	1	M	$2.00 per day.
	10	1	M	2.25 " "
	10	1	M	2.75 " "
Average	10	3	M	2.33½ " "
July 1870	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	3	M	2.83½ " "
Jan. 1871	10	2	M	2.50 " "
	10	2	M	3.00 " "
Average	10	4	M	2.75 " "
July 1871	10	2	M	2.50 " "
	10	2	M	3.00 " "
Average	10	4	M	2.75 " "
Jan. 1872	10	2	M	2.50 " "
	10	2	M	3.00 " "
Average	10	4	M	2.75 " "
July 1872	10	2	M	2.50 " "
	10	2	M	3.00 " "
Average	10	4	M	2.75 " "
Jan. 1873	10	1	M	1.75 " "
	10	2	M	2.50 " "
	10	2	M	3.00 " "
Average	10	5	M	2.55 " "
July 1873	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
Average	10	6	M	2.62½ " "
Jan. 1874	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	5	M	2.55 " "
July 1874	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	5	M	2.55 " "
Jan. 1875	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	4	M	2.62½ " "
July 1875	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	4	M	2.62½ " "
Jan. 1876	10	1	M	2.25 " "
	10	1	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1876–conc'd.	10	1	M	$2.75 per day.
	10	1	M	3.00 " "
Average	10	4	M	2.62½ " "
July 1876	10	1	M	1.87½ " "
	10	1	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	4	M	2.47 " "
Jan. 1877	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	4	M	2.50 " "
July 1877	10	1	M	2.00 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	3	M	2.58½ " "
Jan. 1878	10	1	M	2.00 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	3	M	2.58½ " "
July 1878	10	1	M	2.00 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	3	M	2.58½ " "
Jan. 1879	10	1	M	2.00 " "
	10	1	M	2.75 " "
Average	10	2	M	2.37½ " "
July 1879	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.75 " "
Average	10	4	M	2.06½ " "
Jan. 1880	10	3	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	3.00 " "
Average	10	6	M	2.04 " "
July 1880	10	4	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	3.00 " "
Average	10	6	M	2.21 " "
Jan. 1881	10	4	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
Average	10	7	M	2.14½ " "
July 1881	10	4	M	2.00 " "
	10	5	M	2.25 " "
	10	1	M	2.50 " "
Average	10	10	M	2.17½ " "
Jan. 1882	10	4	M	2.00 " "
	10	1	M	2.25 " "
	10	4	M	2.50 " "
Average	10	9	M	2.25 " "
July 1882	10	3	M	$2.00 per day.
	10	2	M	2.25 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
Average	10	10	M	2.35 " "
Jan. 1883	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
Average	10	7	M	2.53½ " "
July 1883	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	5	M	2.55 " "
Jan. 1884	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	3	M	3.00 " "
Average	10	6	M	2.62½ " "
July 1884	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	5	M	2.55 " "
Jan. 1885	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	5	M	2.55 " "
July 1885	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	3.00 " "
Average	10	5	M	2.55 " "
Jan. 1886	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	5	M	2.45 " "
July 1886	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	6	M	2.37½ " "
Jan. 1887	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
Average	10	5	M	2.25 " "
July 1887	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
Average	10	5	M	2.30 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1888	10	1	M	$2.00 per day.	Jan. 1890	10	2	M	$2.25 per day.
	10	2	M	2.25 " "		10	1	M	2.50 " "
	10	2	M	2.50 " "		10	1	M	2.75 " "
Average	10	5	M	2.30 " "	Average	10	4	M	2.43½ " "
July 1888	10	1	M	2.00 " "	July 1890	10	1	M	2.00 " "
	10	2	M	2.25 " "		10	1	M	2.25 " "
	10	2	M	2.50 " "		10	2	M	2.50 " "
						10	3	M	2.75 " "
						10	1	M	3.00 " "
Average	10	5	M	2.30 " "	Average	10	8	M	2.56¼ " "
Jan. 1889	10	1	M	2.00 " "	Jan. 1891	10	1	M	2.25 " "
	10	2	M	2.25 " "		10	3	M	2.50 " "
	10	4	M	2.50 " "		10	1	M	2.75 " "
						10	1	M	3.00 " "
Average	10	7	M	2.35½ " "	Average	10	6	M	2.58½ " "
July 1889	10	2	M	2.25 " "	July 1891	10	1	M	2.25 " "
	10	4	M	2.50 " "		10	1	M	2.50 " "
	10	1	M	2.75 " "		10	1	M	2.75 " "
Average	10	7	M	2.46½ " "	Average	10	3	M	2.50 " "

PATTERNMAKERS' APPRENTICES.

July 1854	10	1	M	.33 per day.	July 1869	10	1	M	1.00 per day.
Jan. 1855	10	1	M	.50 " "	Jan. 1870	10	1	M	.83½ " "
July 1855	10	1	M	.50 " "	July 1870	10	1	M	1.00 " "
Jan. 1856	10	1	M	.62½ " "	July 1871	10	1	M	.50 " "
July 1856	10	1	M	.62½ " "	Jan. 1872	10	1	M	.50 " "
July 1861	10	1	M	.33 " "	July 1872	10	1	M	.67½ " "
Jan. 1862	10	1	M	.33 " "	Jan. 1880	10	1	M	.33½ " "
July 1862	10	1	M	.50 " "	July 1880	10	1	M	.33½ " "
Jan. 1863	10	1	M	.50 " "	Jan. 1881	10	1	M	.50 " "
July 1864	10	1	M	.50 " "	July 1881	10	1	M	1.00 " "
Jan. 1865	10	1	M	.62½ " "	Jan. 1882	10	1	M	1.00 " "
July 1865	10	1	M	.62½ " "	July 1887	10	1	M	.33½ " "
Jan. 1866	10	1	M	.75 " "	Jan. 1888	10	1	M	.33½ " "
July 1866	10	1	M	.75 " "	July 1888	10	1	M	.48½ " "
Jan. 1867	10	1	M	1.00 " "	Jan. 1889	10	1	M	.48½ " "
July 1867	10	1	M	.50 " "	July 1889	10	1	M	.56½ " "
Jan. 1868	10	1	M	.50 " "	Jan. 1890	10	1	M	.65 " "
July 1868	10	1	M	.67½ " "	July 1890	10	1	M	.73½ " "
Jan. 1869	10	1	M	.83½ " "	Jan. 1891	10	1	M	.81½ " "

PATTERNMAKERS' HELPERS.

July 1881	10	1	M	1.00 per day.	July 1890	10	1	M	1.50 per day.
Jan. 1882	10	1	M	1.00 " "		10	1	M	1.75 " "
July 1882	10	1	M	2.00 " "	Average	10	2	M	1.62½ " "
Jan. 1883	10	1	M	1.50 " "	Jan. 1891	10	1	M	1.50 " "
	10	1	M	2.00 " "		10	1	M	1.75 " "
Average	10	2	M	1.75 " "	Average	10	2	M	1.62½ " "
July 1884	10	1	M	1.55 " "					
Jan. 1885	10	1	M	1.55 " "					
July 1888	10	1	M	1.90 " "	July 1891	10	1	M	1.50 " "
Jan. 1889	10	1	M	1.90 " "		10	1	M	1.75 " "
July 1889	10	1	M	1.50 " "					
Jan. 1890	10	1	M	1.50 " "	Average	10	2	M	1.62½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Concluded.

SHIPPING CLERKS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883	10	1	M	$1.50 per day.	Jan. 1888	10	1	M	$1.70 per day.
Jan. 1884	10	1	M	1.50 " "	July 1888	10	1	M	1.90 " "
July 1884	10	1	M	1.50 " "	Jan. 1889	10	1	M	1.90 " "
Jan. 1885	10	1	M	1.50 " "	July 1889	10	1	M	1.90 " "
July 1885	10	1	M	1.50 " "	Jan. 1890	10	1	M	1.66½ " "
Jan. 1886	10	1	M	1.50 " "	July 1890	10	1	M	1.66½ " "
July 1886	10	1	M	1.70 " "	Jan. 1891	10	1	M	2.00 " "
Jan. 1887	10	1	M	1.70 " "	July 1891	10	1	M	2.16½ " "
July 1887	10	1	M	1.70 " "					

WATCHMEN.

July 1846	12	1	M	.68 per day.	Jan. 1878	12	1	M	1.43 per day.
Jan. 1847	12	1	M	.68 " "	July 1878	12	1	M	1.43 " "
July 1850	12	1	M	.68 " "	Jan. 1879	12	1	M	1.43 " "
Jan. 1851	12	1	M	.75 " "	July 1879	12	1	M	1.43 " "
July 1851	12	1	M	.75 " "	Jan. 1880	12	1	M	1.43 " "
Jan. 1852	12	1	M	.75 " "	July 1880	12	1	M	1.43 " "
July 1852	12	1	M	.75 " "	Jan. 1881	12	1	M	1.43 " "
Jan. 1853	12	1	M	.75 " "	July 1881	12	1	M	1.43 " "
July 1853	12	1	M	.75 " "	Jan. 1882	12	1	M	1.43 " "
Jan. 1854	12	1	M	.75 " "					
July 1854	12	1	M	.87½ " "	July 1882	12	1	M	1.25 " "
Jan. 1855	12	1	M	.87½ " "		12	1	M	1.43 " "
July 1855	12	1	M	.87½ " "					
Jan. 1856	12	1	M	.87½ " "	Average	12	2	M	1.34 " "
July 1856	12	1	M	.87½ " "					
Jan. 1857	12	1	M	.87½ " "	Jan. 1883	12	1	M	1.25 " "
July 1857	12	1	M	.87½ " "					
Jan. 1858	12	1	M	.87½ " "	July 1883	12	1	M	1.25 " "
July 1858	12	1	M	.81 " "		12	1	M	1.43 " "
Jan. 1859	12	1	M	.81 " "					
July 1859	12	1	M	.81 " "	Average	12	2	M	1.34 " "
Jan. 1860	12	1	M	.81 " "					
July 1860	12	1	M	.81 " "	Jan. 1884	12	1	M	1.25 " "
Jan. 1861	12	1	M	.83⅓ " "		12	1	M	1.43 " "
July 1862	12	1	M	.83 " "					
Jan. 1863	12	1	M	.93 " "	Average	12	2	M	1.34 " "
July 1863	12	1	M	.93 " "					
Jan. 1864	12	1	M	.93 " "	July 1884	12	1	M	1.25 " "
July 1864	12	1	M	1.07 " "		12	1	M	1.43 " "
Jan. 1865	12	1	M	1.00 " "					
July 1865	12	1	M	1.00 " "	Average	12	2	M	1.34 " "
Jan. 1866	12	1	M	1.07 " "					
July 1866	12	1	M	1.07 " "	Jan. 1885	12	1	M	1.43 " "
Jan. 1867	12	1	M	1.07 " "		12	1	M	1.50 " "
July 1867	12	1	M	1.07 " "					
Jan. 1868	12	1	M	1.07 " "	Average	12	2	M	1.46½ " "
July 1868	12	1	M	1.07 " "					
Jan. 1869	12	1	M	1.07 " "	July 1885	12	1	M	1.43 " "
July 1869	12	1	M	1.07 " "		12	1	M	1.50 " "
Jan. 1870	12	1	M	1.07 " "					
July 1870	12	1	M	1.07 " "	Average	12	2	M	1.46½ " "
Jan. 1871	12	1	M	1.43 " "					
July 1871	12	1	M	1.43 " "	Jan. 1886	12	1	M	1.50 " "
Jan. 1872	12	1	M	1.43 " "	July 1886	12	1	M	1.50 " "
July 1872	12	1	M	1.43 " "	Jan. 1887	12	1	M	1.43 " "
Jan. 1873	12	1	M	1.43 " "	July 1887	12	1	M	1.43 " "
July 1873	12	1	M	1.43 " "	Jan. 1888	12	1	M	1.43 " "
Jan. 1874	12	1	M	1.43 " "	July 1888	12	1	M	1.43 " "
July 1874	12	1	M	1.43 " "	Jan. 1889	12	1	M	1.43 " "
Jan. 1875	12	1	M	1.43 " "	July 1889	12	1	M	1.43 " "
July 1875	12	1	M	1.43 " "	Jan. 1890	12	1	M	1.43 " "
Jan. 1876	12	1	M	1.43 " "	July 1890	12	1	M	1.43 " "
July 1876	12	1	M	1.43 " "	Jan. 1891	12	1	M	1.43 " "
Jan. 1877	12	1	M	1.43 " "	July 1891	12	1	M	1.43 " "
July 1877	12	1	M	1.43 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK.

BLACKSMITHS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1844	10	1	M	$1.12½ per day.
	10	1	M	1.25 " "
	10	1	M	1.87½ " "
Average	10	3	M	1.41½ " "
July 1844	10	2	M	1.25 " "
	10	1	M	1.87½ " "
Average	10	3	M	1.46 " "
Jan. 1845	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.87½ " "
Average	10	3	M	1.37½ " "
July 1845	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.87½ " "
Average	10	4	M	1.34½ " "
Jan. 1846	10	1	M	1.25 " "
	10	1	M	1.87½ " "
Average	10	2	M	1.56½ " "
July 1846	10	1	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	2	M	1.68½ " "
Jan. 1847	10	1	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	2	M	1.68½ " "
July 1847	10	1	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	2	M	1.68½ " "
Jan. 1848	10	1	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	2	M	1.68½ " "
July 1848	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	3	M	1.71 " "
Jan. 1849	10	1	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	2	M	1.81½ " "
July 1849	10	1	M	1.87½ " "
Jan. 1850	10	1	M	1.87½ " "
July 1850	10	1	M	1.87½ " "
Jan. 1851	10	1	M	1.00 " "
	10	1	M	1.37½ " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	4	M	1.50 " "
July 1851	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.87½ " "
Average	10	3	M	1.50 " "
Jan. 1852	10	1	M	$1.25 per day.
	10	1	M	1.37½ " "
	10	1	M	1.62½ " "
Average	10	3	M	1.41½ " "
July 1852	10	2	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	4	M	1.40½ " "
Jan. 1854	10	3	M	1.25 " "
	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	5	M	1.62½ " "
July 1854	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	5	M	1.75 " "
Jan. 1855	10	1	M	1.50 " "
	10	2	M	1.62½ " "
Average	10	3	M	1.58½ " "
July 1855	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	3	M	1.62½ " "
Jan. 1856	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	4	M	1.72 " "
July 1856	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	4	M	1.72 " "
Jan. 1857	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	4	M	1.47 " "
July 1857	10	1	M	1.50 " "
	10	2	M	1.75 " "
Average	10	3	M	1.66½ " "
July 1859	10	1	M	1.25 " "
Jan. 1860	10	1	M	1.25 " "
July 1860	10	1	M	1.37½ " "
Jan. 1862	10	1	M	1.25 " "
Jan. 1863	10	1	M	1.00 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	3	M	1.29 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BLACKSMITHS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1863	10	3	M	$1.25 per day.
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	5	M	1.42½ " "
Jan. 1864	10	3	M	1.25 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	5	M	1.50 " "
July 1864	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
Average	10	5	M	1.75 " "
Jan. 1865	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	2	M	2.50 " "
Average	10	5	M	2.05 " "
July 1865	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	2	M	2.50 " "
Average	10	5	M	2.05 " "
Jan. 1866	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.00 " "
	10	1	M	2.50 " "
Average	10	6	M	1.93½ " "
July 1866	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	2.50 " "
Average	10	5	M	1.97½ " "
Jan. 1867	10	1	M	1.62½ " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	4	M	2.09½ " "
July 1867	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	5	M	1.97½ " "
Jan. 1868	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	2.50 " "
Average	10	3	M	1.87½ " "
July 1868	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	2.50 " "
Average	10	3	M	1.87½ " "
Jan. 1869	10	1	M	$1.50 per day.
	10	1	M	1.60 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	6	M	1.87 " "
July 1869	10	2	M	1.60 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	6	M	1.88½ " "
Jan. 1870	10	1	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	8	M	1.85½ " "
July 1870	10	3	M	1.60 " "
	10	1	M	1.75 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
Average	10	7	M	1.93½ " "
Jan. 1871	10	3	M	1.60 " "
	10	1	M	1.75 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.50 " "
Average	10	7	M	1.95 " "
July 1871	10	3	M	1.62½ " "
	10	1	M	1.75 " "
	10	2	M	2.50 " "
Average	10	6	M	1.93½ " "
Jan. 1872	10	2	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
Average	10	6	M	2.01½ " "
July 1872	10	2	M	1.62½ " "
	10	1	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
Average	10	6	M	2.07½ " "
Jan. 1873	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	2	M	2.50 " "
	10	1	M	2.60 " "
Average	10	6	M	2.17½ " "
July 1873	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BLACKSMITHS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873–conc'd.	10	1	M	$2.50 per day.
	10	2	M	2.60 " "
Average	10	6	M	2.19 " "
Jan. 1874	10	1	M	1.65 " "
	10	1	M	1.80 " "
	10	1	M	2.50 " "
Average	10	3	M	1.98½ " "
July 1874	10	1	M	1.60 " "
	10	1	M	1.80 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
Average	10	4	M	2.07½ " "
Jan. 1875	10	1	M	1.80 " "
	10	1	M	2.50 " "
Average	10	2	M	2.15 " "
July 1875	10	1	M	1.60 " "
	10	1	M	1.80 " "
	10	1	M	2.50 " "
Average	10	3	M	1.96½ " "
Jan. 1876	10	1	M	1.80 " "
July 1876	10	2	M	1.50 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
	10	1	M	2.30 " "
Average	10	5	M	1.82 " "
Jan. 1877	10	1	M	1.55 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
	10	1	M	2.30 " "
Average	10	4	M	1.91½ " "
July 1877	10	1	M	1.55 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
Average	10	4	M	1.88½ " "
Jan. 1878	10	1	M	1.55 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
	10	1	M	2.10 " "
Average	10	4	M	1.86½ " "
July 1878	10	1	M	1.55 " "
	10	1	M	1.80 " "
Average	10	2	M	1.67½ " "
Jan. 1879	10	2	M	1.50 " "
July 1879	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	3	M	1.58½ " "
Jan. 1880	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
July 1880	10	1	M	$1.60 per day.
	10	1	M	1.75 " "
	10	1	M	2.25 " "
Average	10	3	M	1.86½ " "
Jan. 1881	10	1	M	1.60 " "
	10	1	M	1.75 " "
	10	1	M	2.25 " "
Average	10	3	M	1.86½ " "
July 1881	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	2.50 " "
Average	10	3	M	2.01½ " "
Jan. 1882	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	2.20 " "
	10	1	M	2.50 " "
Average	10	5	M	1.95 " "
July 1882	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
	10	1	M	2.50 " "
Average	10	6	M	2.01 " "
Jan. 1883	10	1	M	1.80 " "
	10	1	M	2.20 " "
	10	1	M	2.50 " "
Average	10	3	M	2.16½ " "
July 1883	10	1	M	1.50 " "
	10	1	M	1.80 " "
	10	1	M	2.30 " "
	10	1	M	2.50 " "
Average	10	4	M	2.02½ " "
Jan. 1884	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
Average	10	4	M	1.91½ " "
July 1884	10	1	M	1.50 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
Average	10	3	M	2.01½ " "
Jan. 1885	10	1	M	1.35 " "
	10	1	M	2.05 " "
Average	10	2	M	1.70 " "
July 1885	10	1	M	1.50 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
Average	10	3	M	1.93½ " "
Jan. 1886	10	1	M	1.50 " "
	10	1	M	2.10 " "
Average	10	2	M	1.80 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BLACKSMITHS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1886	10	2	M	$1.75 per day.	Jan. 1890	10	1	M	$2.15 per day.
	10	1	M	2.10 " "		10	1	M	2.35 " "
Average	10	3	M	1.86½ " "	Average	10	2	M	2.25 " "
Jan. 1887	10	2	M	1.75 " "	July 1890	10	1	M	2.15 " "
	10	1	M	2.10 " "		10	1	M	2.35 " "
Average	10	3	M	1.86½ " "	Average	10	2	M	2.25 " "
July 1887	10	1	M	1.75 " "	Jan. 1891	10	1	M	2.15 " "
	10	1	M	2.10 " "		10	1	M	2.35 " "
Average	10	2	M	1.92½ " "	Average	10	2	M	2.25 " "
July 1888	10	1	M	2.35 " "	July 1891	10	1	M	2.25 " "
Jan. 1889	10	1	M	2.35 " "		10	1	M	2.35 " "
July 1889	10	1	M	2.35 " "	Average	10	2	M	2.30 " "

BLACKSMITHS' HELPERS.

Jan. 1844	10	1	M	.87½ per day.	Jan. 1855	10	1	M	.75 per day.
July 1844	10	1	M	.87½ " "		10	2	M	.87½ " "
Jan. 1845	10	1	M	.87½ " "		10	2	M	1.00 " "
July 1845	10	1	M	.87½ " "	Average	10	5	M	.90 " "
Jan. 1846	10	1	M	.87½ " "	July 1855	10	4	M	.87½ " "
July 1846	10	1	M	.87½ " "		10	3	M	1.00 " "
July 1849	10	1	M	.75 " "	Average	10	7	M	.93 " "
Jan. 1850	10	1	M	.87½ " "	Jan. 1856	10	6	M	.87½ " "
July 1850	10	1	M	.87½ " "		10	2	M	1.00 " "
	10	1	M	1.00 " "	Average	10	8	M	.90½ " "
Average	10	2	M	.93½ " "	July 1856	10	4	M	.87½ " "
Jan. 1851	10	2	M	.75 " "		10	2	M	1.00 " "
	10	2	M	.87½ " "		10	1	M	1.12½ " "
	10	1	M	1.00 " "	Average	10	7	M	.94½ " "
Avérage	10	5	M	.85 " "	Jan. 1857	10	1	M	.75 " "
July 1851	10	3	M	.75 " "		10	2	M	1.00 " "
	10	2	M	.87½ " "	Average	10	3	M	.91½ " "
	10	1	M	1.00 " "	Jnly 1857	10	1	M	.87½ " "
	10	1	M	1.25 " "		10	1	M	1.00 " "
Average	10	7	M	.89½ " "		10	1	M	1.25 " "
Jan. 1852	10	2	M	.75 " "	Average	10	3	M	1.04 " "
	10	6	M	.87½ " "	Jan. 1859	10	1	M	.75 " "
	10	1	M	1.00 " "	July 1859	10	1	M	.75 " "
	10	1	M	1.25 " "	Jan. 1860	10	2	M	.87½ " "
Average	10	10	M	.90 " "	July 1860	10	1	M	.87½ " "
July 1852	10	5	M	.87½ " "	Jan. 1861	10	1	M	1.00 " "
	10	3	M	1.00 " "	July 1861	10	1	M	1.00 " "
	10	1	M	1.25 " "	Jan. 1862	10	1	M	1.00 " "
Average	10	9	M	.96 " "	July 1862	10	1	M	1.12½ " "
Jan. 1854	10	2	M	.87½ " "	Jan. 1873	10	1	M	1.62½ " "
	10	1	M	1.00 " "	July 1873	10	1	M	1.62½ " "
Average	10	3	M	.91½ " "	Jan. 1874	10	1	M	1.50 " "
July 1854	10	2	M	.87½ " "	July 1874	10	1	M	1.50 " "
	10	1	M	1.00 " "	Jan. 1875	10	1	M	1.50 " "
Average	10	3	M	.91½ " "	July 1875	10	1	M	1.50 " "
					Jan. 1876	10	1	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BLACKSMITHS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1876	10	1	M	$1.20 per day.
	10	1	M	1.50 " "
Average	10	2	M	1.35 " "
Jan. 1877	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33½ " "
July 1877	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33½ " "
Jan. 1878	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33½ " "
July 1878	10	1	M	1.50 " "
Jan. 1879	10	1	M	1.50 " "
July 1879	10	1	M	1.30 " "
	10	1	M	1.50 " "
Average	10	2	M	1.40 " "
Jan. 1880	10	1	M	1.20 " "
	10	1	M	1.30 " "
	10	1	M	1.50 " "
Average	10	3	M	1.33½ " "
July 1880	10	3	M	1.30 " "
	10	1	M	1.40 " "
	10	1	M	1.60 " "
Average	10	5	M	1.38 " "
Jan. 1881	10	1	M	1.40 " "
	10	1	M	1.60 " "
Average	10	2	M	1.50 " "
July 1881	10	1	M	1.50 " "
Jan. 1882	10	1	M	1.50 " "
July 1882	10	2	M	1.50 " "
Jan. 1883	10	1	M	1.40 " "
	10	2	M	1.50 " "
Average	10	3	M	1.46½ " "
July 1883	10	1	M	1.40 " "
	10	1	M	1.50 " "
Average	10	2	M	1.45 " "
Jan. 1884	10	3	M	1.50 " "
July 1884	10	2	M	1.50 " "
Jan. 1885	10	1	M	1.35 " "
July 1885	10	1	M	1.30 " "
	10	1	M	1.35 " "
Average	10	2	M	1.32½ " "
Jan. 1886	10	1	M	$1.30 per day.
July 1886	10	1	M	1.40 " "
Jan. 1887	10	1	M	1.40 " "
July 1887	10	1	M	1.35 " "
	10	1	M	1.50 " "
Average	10	2	M	1.42½ " "
Jan. 1888	10	1	M	1.35 " "
	10	3	M	1.40 " "
	10	1	M	1.50 " "
Average	10	5	M	1.41 " "
July 1888	10	1	M	1.25 " "
	10	2	M	1.40 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
Average	10	6	M	1.44 " "
Jan. 1889	10	1	M	1.25 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	2	M	1.60 " "
Average	10	6	M	1.47½ " "
July 1889	10	1	M	1.25 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
Average	10	7	M	1.50½ " "
Jan. 1890	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.40 " "
	10	3	M	1.50 " "
	10	1	M	1.70 " "
Average	10	7	M	1.40½ " "
July 1890	10	1	M	1.00 " "
	10	2	M	1.40 " "
	10	3	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.70 " "
Average	10	8	M	1.45 " "
Jan. 1891	10	1	M	1.00 " "
	10	1	M	1.30 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.80 " "
Average	10	6	M	1.43½ " "
July 1891	10	1	M	1.00 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
	10	1	M	1.80 " "
Average	10	4	M	1.42½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1844	10	1	M	$1.00 per day.
	10	2	M	1.25 " "
Average	10	3	M	1.16½ " "
July 1844	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.37½ " "
Average	10	3	M	1.21 " "
Jan. 1845	10	2	M	1.00 " "
	10	1	M	1.37½ " "
Average	10	3	M	1.12½ " "
July 1845	10	2	M	1.00 " "
	10	1	M	1.37½ " "
Average	10	3	M	1.12½ " "
Jan. 1846	10	3	M	1.00 " "
	10	1	M	1.37½ " "
Average	10	4	M	1.09½ " "
July 1846	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	4	M	1.22 " "
Jan. 1847	10	2	M	1.00 " "
	10	2	M	1.12½ " "
	10	2	M	1.25 " "
	10	1	M	1.50 " "
Average	10	7	M	1.18 " "
July 1847	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	5	M	1.25 " "
	10	1	M	1.50 " "
Average	10	8	M	1.23½ " "
Jan. 1848	10	2	M	1.00 " "
	10	2	M	1.12½ " "
	10	3	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	9	M	1.21 " "
July 1848	10	2	M	1.00 " "
	10	1	M	1.12½ " "
	10	3	M	1.25 " "
	10	2	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	9	M	1.23½ " "
Jan. 1849	10	3	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	5	M	1.32½ " "
July 1849	10	2	M	1.25 " "
	10	1	M	1.37½ " "
Average	10	3	M	1.29 " "
Jan. 1850	10	2	M	$1.25 per day.
	10	1	M	1.37½ " "
Average	10	3	M	1.29 " "
July 1850	10	3	M	1.25 " "
	10	2	M	1.37½ " "
Average	10	5	M	1.30 " "
Jan. 1851	10	1	M	1.12½ " "
	10	6	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	9	M	1.28 " "
July 1851	10	1	M	1.12½ " "
	10	3	M	1.25 " "
	10	4	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	10	M	1.36½ " "
Jan. 1852	10	1	M	1.12½ " "
	10	4	M	1.25 " "
	10	2	M	1.37½ " "
	10	4	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	13	M	1.40½ " "
July 1852	10	2	M	1.12½ " "
	10	4	M	1.25 " "
	10	2	M	1.37½ " "
	10	6	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	16	M	1.40 " "
Jan. 1854	10	1	M	1.12½ " "
	10	1	M	1.25 " "
	10	2	M	1.37½ " "
	10	7	M	1.50 " "
	10	5	M	1.62½ " "
Average	10	16	M	1.48½ " "
July 1854	10	1	M	1.12½ " "
	10	2	M	1.25 " "
	10	4	M	1.37½ " "
	10	2	M	1.50 " "
	10	7	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	1.87½ " "
Average	10	19	M	1.52 " "
Jan. 1855	10	3	M	1.25 " "
	10	2	M	1.50 " "
	10	3	M	1.62½ " "
	10	4	M	1.75 " "
Average	10	12	M	1.55 " "
July 1855	10	1	M	1.12½ " "
	10	5	M	1.25 " "
	10	4	M	1.50 " "
	10	2	M	1.62½ " "
	10	6	M	1.75 " "
Average	10	18	M	1.50½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1856	10	5	M	$1.25 per day.
	10	3	M	1.37½ " "
	10	3	M	1.50 " "
	10	2	M	1.62½ " "
	10	5	M	1.75 " "
	10	2	M	1.87½ " "
Average	10	20	M	1.53 " "
July 1856	10	4	M	1.25 " "
	10	4	M	1.37½ " "
	10	2	M	1.50 " "
	10	4	M	1.62½ " "
	10	4	M	1.75 " "
	10	4	M	1.87½ " "
Average	10	22	M	1.57 " "
Jan. 1857	10	4	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	5	M	1.87½ " "
Average	10	14	M	1.58 " "
July 1857	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	4	M	1.87½ " "
Average	10	7	M	1.71½ " "
July 1858	10	1	M	1.37½ " "
July 1859	10	2	M	1.25 " "
Jan. 1860	10	1	M	1.12½ " "
	10	2	M	1.25 " "
Average	10	3	M	1.21 " "
July 1860	10	1	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	2	M	1.18½ " "
July 1861	10	2	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	5	M	1.60 " "
Jan. 1862	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	7	M	1.53½ " "
July 1862	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	6	M	1.58½ " "
Jan. 1863	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.75 " "
Average	10	5	M	1.40 " "
July 1863	10	1	M	$1.12½ per day.
	10	3	M	1.25 " "
	10	2	M	1.62½ " "
	10	4	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
	10	2	M	2.12½ " "
Average	10	14	M	1.66 " "
Jan. 1864	10	3	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	3	M	1.87½ " "
	10	3	M	2.00 " "
	10	2	M	2.12½ " "
	10	3	M	1.25 " "
Average	10	17	M	1.84 " "
July 1864	10	3	M	1.25 " "
	10	3	M	1.37½ " "
	10	5	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	4	M	2.37½ " "
	10	9	M	2.50 " "
Average	10	30	M	1.96½ " "
Jan. 1865	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	8	M	1.62½ " "
	10	3	M	1.87½ " "
	10	2	M	2.12½ " "
	10	3	M	2.50 " "
	10	3	M	2.62½ " "
	10	5	M	2.75 " "
Average	10	27	M	2.09 " "
July 1865	10	4	M	1.50 " "
	10	1	M	1.62½ " "
	10	3	M	1.75 " "
	10	3	M	2.25 " "
	10	5	M	2.37½ " "
	10	3	M	2.50 " "
	10	2	M	2.62½ " "
Average	10	21	M	2.10½ " "
Jan. 1866	10	4	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	3	M	2.25 " "
	10	7	M	2.37½ " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
Average	10	18	M	2.10½ " "
July 1866	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	2	M	2.37½ " "
Average	10	5	M	1.80 " "
Jan. 1867	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	2	M	1.62½ " "
	10	6	M	1.75 " "
	10	2	M	2.37½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1867—cone'd.	10	3	M	$2.50 per day.
	10	2	M	2.62½ " "
	10	1	M	3.00 " "
Average	10	18	M	2.06½ " "
July 1867	10	3	M	1.62½ " "
	10	4	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	2.62½ " "
	10	1	M	2.75 " "
	10	1	M	2.87½ " "
	10	2	M	3.00 " "
Average	10	17	M	2.23 " "
Jan. 1868	10	4	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	2	M	2.25 " "
	10	1	M	2.30 " "
	10	1	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	2.80 " "
Average	10	16	M	2.06 " "
July 1868	10	1	M	1.40 " "
	10	1	M	1.50 " "
	10	1	M	1.80 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
	10	3	M	2.50 " "
	10	1	M	2.80 " "
Average	10	9	M	2.17 " "
Jan. 1869	10	2	M	1.50 " "
	10	1	M	1.80 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	8	M	2.16½ " "
July 1869	10	1	M	1.40 " "
	10	1	M	1.50 " "
	10	2	M	1.60 " "
	10	2	M	1.70 " "
	10	1	M	1.80 " "
	10	2	M	2.20 " "
	10	5	M	2.30 " "
	10	4	M	2.50 " "
	10	1	M	3.00 " "
Average	10	19	M	2.11½ " "
Jan. 1870	10	1	M	1.50 " "
	10	1	M	1.70 " "
	10	3	M	1.80 " "
	10	1	M	1.90 " "
	10	4	M	2.00 " "
	10	1	M	2.20 " "
	10	5	M	2.30 " "
	10	1	M	2.40 " "
	10	5	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	24	M	2.20 " "
July 1870	10	2	M	$1.50 per day.
	10	2	M	1.60 " "
	10	3	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.20 " "
	10	1	M	2.30 " "
	10	4	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	3.00 " "
Average	10	19	M	2.16½ " "
Jan. 1871	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	7	M	2.40 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	21	M	2.15½ " "
July 1871	10	4	M	1.50 " "
	10	3	M	1.60 " "
	10	2	M	1.70 " "
	10	3	M	2.00 " "
	10	2	M	2.20 " "
	10	3	M	2.30 " "
	10	5	M	2.40 " "
	10	6	M	2.50 " "
	10	2	M	2.70 " "
	10	1	M	3.20 " "
Average	10	31	M	2.16½ " "
Jan. 1872	10	1	M	1.50 " "
	10	3	M	1.60 " "
	10	3	M	1.70 " "
	10	2	M	1.80 " "
	10	4	M	2.00 " "
	10	3	M	2.30 " "
	10	5	M	2.40 " "
	10	8	M	2.50 " "
	10	2	M	2.70 " "
	10	1	M	3.20 " "
Average	10	32	M	2.20½ " "
July 1872	10	4	M	1.70 " "
	10	7	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
	10	6	M	2.40 " "
	10	8	M	2.50 " "
	10	1	M	2.70 " "
	10	2	M	3.00 " "
Average	10	31	M	2.27½ " "
Jan. 1873	10	1	M	1.60 " "
	10	3	M	1.70 " "
	10	3	M	2.00 " "
	10	3	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
	10	2	M	2.40 " "
	10	5	M	2.50 " "
	10	2	M	2.60 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1873–cone'd.	10	1	M	$2.70 per day.
	10	2	M	3.00 " "
Average	10	24	M	2.28 " "
July 1873	10	1	M	1.60 " "
	10	2	M	1.70 " "
	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	1	M	2.00 " "
	10	3	M	2.10 " "
	10	3	M	2.20 " "
	10	1	M	2.40 " "
	10	4	M	2.50 " "
	10	2	M	2.60 " "
	10	1	M	2.80 " "
	10	1	M	3.20 " "
Average	10	21	M	2.25 " "
Jan. 1874	10	1	M	1.50 " "
	10	1	M	1.80 " "
	10	5	M	1.90 " "
	10	3	M	2.10 " "
	10	3	M	2.30 " "
	10	1	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	3.00 " "
Average	10	18	M	2.16 " "
July 1874	10	1	M	1.60 " "
	10	5	M	1.90 " "
	10	4	M	2.30 " "
	10	3	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.80 " "
	10	1	M	3.20 " "
Average	10	16	M	2.25 " "
Jan. 1875	10	1	M	1.60 " "
	10	3	M	1.90 " "
	10	4	M	2.30 " "
	10	3	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	3.20 " "
Average	10	13	M	2.26 " "
July 1875	10	1	M	1.40 " "
	10	1	M	1.60 " "
	10	3	M	1.80 " "
	10	3	M	1.90 " "
	10	2	M	2.20 " "
	10	2	M	2.30 " "
	10	2	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	3.20 " "
Average	10	16	M	2.10 " "
Jan. 1876	10	1	M	1.40 " "
	10	3	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.90 " "
	10	3	M	2.10 " "
	10	2	M	2.20 " "
	10	2	M	2.30 " "
	10	1	M	3.20 " "
Average	10	16	M	1.95 " "
July 1876	10	3	M	$1.40 per day.
	10	2	M	1.50 " "
	10	3	M	1.60 " "
	10	4	M	1.70 " "
	10	2	M	1.80 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	3.00 " "
Average	10	22	M	1.79½ " "
Jan. 1877	10	2	M	1.40 " "
	10	2	M	1.50 " "
	10	5	M	1.60 " "
	10	3	M	1.70 " "
	10	4	M	1.80 " "
	10	3	M	1.90 " "
	10	7	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	3.00 " "
Average	10	29	M	1.83 " "
July 1877	10	2	M	1.40 " "
	10	2	M	1.60 " "
	10	5	M	1.70 " "
	10	5	M	1.80 " "
	10	2	M	1.90 " "
	10	7	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.70 " "
Average	10	26	M	1.86 " "
Jan. 1878	10	2	M	1.40 " "
	10	1	M	1.50 " "
	10	3	M	1.60 " "
	10	2	M	1.70 " "
	10	4	M	1.80 " "
	10	3	M	1.90 " "
	10	7	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.70 " "
Average	10	25	M	1.85½ " "
July 1878	10	2	M	1.40 " "
	10	1	M	1.60 " "
	10	2	M	1.70 " "
	10	3	M	1.80 " "
	10	2	M	1.90 " "
	10	6	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.70 " "
Average	10	19	M	1.89½ " "
Jan. 1879	10	3	M	1.30 " "
	10	3	M	1.50 " "
	10	2	M	1.70 " "
	10	4	M	1.80 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.70 " "
Average	10	17	M	1.74½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1879	10	1	M	$1.30 per day.
	10	2	M	1.40 " "
	10	3	M	1.50 " "
	10	2	M	1.70 " "
	10	4	M	1.80 " "
	10	2	M	1.90 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	16	M	1.72 " "
Jan. 1880	10	1	M	1.30 " "
	10	2	M	1.40 " "
	10	6	M	1.50 " "
	10	2	M	1.60 " "
	10	4	M	1.80 " "
	10	1	M	1.90 " "
	10	7	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.60 " "
Average	10	25	M	1.76½ " "
July 1880	10	2	M	1.40 " "
	10	3	M	1.60 " "
	10	4	M	1.70 " "
	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	4	M	2.10 " "
	10	2	M	2.20 " "
	10	1	M	2.30 " "
	10	1	M	2.80 " "
Average	10	21	M	1.90½ " "
Jan. 1881	10	4	M	1.40 " "
	10	6	M	1.50 " "
	10	4	M	1.60 " "
	10	2	M	1.70 " "
	10	4	M	1.80 " "
	10	3	M	1.90 " "
	10	4	M	2.00 " "
	10	4	M	2.20 " "
	10	1	M	2.50 " "
	10	1	M	2.80 " "
Average	10	33	M	1.80 " "
July 1881	10	2	M	1.40 " "
	10	4	M	1.50 " "
	10	5	M	1.60 " "
	10	5	M	1.80 " "
	10	3	M	1.90 " "
	10	4	M	2.00 " "
	10	3	M	2.10 " "
	10	4	M	2.20 " "
	10	1	M	2.30 " "
	10	1	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	3.00 " "
Average	10	37	M	1.95½ " "
Jan. 1882	10	2	M	1.40 " "
	10	3	M	1.50 " "
	10	6	M	1.60 " "
	10	2	M	1.90 " "
	10	5	M	2.00 " "
	10	1	M	2.10 " "
	10	5	M	2.20 " "
	10	5	M	2.30 " "
	10	2	M	2.40 " "
Jan. 1882–conc'd.	10	4	M	$2.50 per day.
	10	1	M	2.60 " "
	10	1	M	3.00 " "
Average	10	37	M	2.04½ " "
July 1882	10	2	M	1.30 " "
	10	2	M	1.40 " "
	10	2	M	1.50 " "
	10	3	M	1.60 " "
	10	1	M	1.70 " "
	10	5	M	2.00 " "
	10	4	M	2.20 " "
	10	5	M	2.30 " "
	10	1	M	2.40 " "
	10	5	M	2.50 " "
	10	1	M	3.00 " "
Average	10	31	M	2.03½ " "
Jan. 1883	10	3	M	1.30 " "
	10	1	M	1.40 " "
	10	3	M	1.50 " "
	10	3	M	1.60 " "
	10	2	M	1.70 " "
	10	4	M	2.00 " "
	10	3	M	2.20 " "
	10	6	M	2.30 " "
	10	1	M	2.40 " "
	10	5	M	2.50 " "
	10	1	M	3.00 " "
Average	10	32	M	2.01 " "
July 1883	10	1	M	1.40 " "
	10	4	M	1.50 " "
	10	2	M	1.70 " "
	10	2	M	1.80 " "
	10	4	M	2.00 " "
	10	2	M	2.20 " "
	10	7	M	2.40 " "
	10	5	M	2.50 " "
	10	1	M	3.00 " "
Average	10	28	M	2.11 " "
Jan. 1884	10	3	M	1.40 " "
	10	3	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	2	M	1.80 " "
	10	5	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	6	M	2.40 " "
	10	5	M	2.50 " "
	10	1	M	3.00 " "
Average	10	30	M	2.05 " "
July 1884	10	2	M	1.40 " "
	10	2	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	2	M	1.80 " "
	10	3	M	2.00 " "
	10	1	M	2.20 " "
	10	4	M	2.40 " "
	10	4	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	3.00 " "
Average	10	23	M	2.07½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1885	10	1	M	$1.25 per day.
	10	1	M	1.35 " "
	10	2	M	1.50 " "
	10	1	M	1.55 " "
	10	2	M	1.65 " "
	10	2	M	1.80 " "
	10	1	M	2.15 " "
	10	4	M	2.25 " "
	10	1	M	2.35 " "
	10	1	M	2.70 " "
Average	10	16	M	1.89 " "
July 1885	10	1	M	1.25 " "
	10	2	M	1.35 " "
	10	1	M	1.50 " "
	10	1	M	1.55 " "
	10	2	M	1.65 " "
	10	2	M	1.80 " "
	10	2	M	2.00 " "
	10	1	M	2.15 " "
	10	4	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	3.00 " "
Average	10	19	M	1.95½ " "
Jan. 1886	10	1	M	1.25 " "
	10	1	M	1.35 " "
	10	2	M	1.50 " "
	10	1	M	1.55 " "
	10	2	M	1.65 " "
	10	2	M	1.80 " "
	10	2	M	2.00 " "
	10	1	M	2.15 " "
	10	4	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	19	M	1.97 " "
July 1886	10	1	M	1.35 " "
	10	4	M	1.50 " "
	10	1	M	1.65 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	2	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	4	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	3.00 " "
Average	10	22	M	2.00 " "
Jan. 1887	10	1	M	1.35 " "
	10	4	M	1.50 " "
	10	1	M	1.65 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	2	M	1.90 " "
	10	2	M	2.00 " "
	10	2	M	2.20 " "
	10	4	M	2.25 " "
	10	3	M	2.50 " "
	10	1	M	3.00 " "
Average	10	22	M	2.00½ " "
July 1887	10	1	M	1.35 " "
	10	3	M	1.50 " "
July 1887–conc'd.	10	1	M	$1.65 per day.
	10	1	M	1.70 " "
	10	1	M	1.90 " "
	10	5	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.30 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	3.00 " "
Average	10	23	M	2.05½ " "
Jan. 1888	10	1	M	1.40 " "
	10	4	M	1.50 " "
	10	1	M	1.65 " "
	10	1	M	1.70 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	5	M	2.10 " "
	10	1	M	2.20 " "
	10	4	M	2.30 " "
	10	1	M	2.35 " "
	10	1	M	2.40 " "
	10	2	M	2.45 " "
	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	28	M	2.08 " "
July 1888	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.65 " "
	10	2	M	1.70 " "
	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	4	M	2.00 " "
	10	5	M	2.10 " "
	10	1	M	2.20 " "
	10	4	M	2.30 " "
	10	1	M	2.40 " "
	10	2	M	2.45 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	27	M	2.07½ " "
Jan. 1889	10	1	M	1.50 " "
	10	3	M	1.60 " "
	10	2	M	1.70 " "
	10	2	M	1.80 " "
	10	1	M	1.90 " "
	10	4	M	2.00 " "
	10	5	M	2.10 " "
	10	4	M	2.30 " "
	10	2	M	2.40 " "
	10	2	M	2.45 " "
	10	1	M	2.50 " "
Average	10	27	M	2.04 " "
July 1889	10	4	M	1.60 " "
	10	1	M	1.70 " "
	10	2	M	1.80 " "
	10	1	M	1.90 " "
	10	4	M	2.00 " "
	10	6	M	2.10 " "
	10	3	M	2.30 " "
	10	3	M	2.40 " "
	10	2	M	2.45 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
Average	10	28	M	2.08½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890	10	3	M	$1.60 per day.	Jan. 1891	10	1	M	$1.60 per day.
	10	3	M	1.70 " "		10	1	M	1.70 " "
	10	1	M	1.80 " "		10	1	M	1.80 " "
	10	1	M	1.90 " "		10	3	M	1.90 " "
	10	4	M	2.00 " "		10	2	M	2.00 " "
	10	10	M	2.10 " "		10	3	M	2.10 " "
	10	2	M	2.30 " "		10	9	M	2.20 " "
	10	3	M	2.40 " "		10	1	M	2.25 " "
	10	2	M	2.45 " "		10	2	M	2.30 " "
	10	3	M	2.50 " "		10	2	M	2.40 " "
	10	1	M	2.75 " "		10	2	M	2.45 " "
						10	3	M	2.50 " "
Average	10	33	M	2.11 " "		10	1	M	2.75 " "
July 1890	10	2	M	1.60 " "	Average	10	31	M	2.18½ " "
	10	2	M	1.70 " "					
	10	2	M	1.80 " "	July 1891	10	1	M	1.70 " "
	10	1	M	1.90 " "		10	3	M	1.90 " "
	10	1	M	2.00 " "		10	3	M	2.00 " "
	10	5	M	2.10 " "		10	3	M	2.10 " "
	10	6	M	2.20 " "		10	9	M	2.20 " "
	10	1	M	2.25 " "		10	1	M	2.25 " "
	10	1	M	2.30 " "		10	1	M	2.30 " "
	10	3	M	2.40 " "		10	3	M	2.40 " "
	10	2	M	2.45 " "		10	1	M	2.45 " "
	10	3	M	2.50 " "		10	3	M	2.50 " "
	10	1	M	2.75 " "					
					Average	10	28	M	2.18½ " "
Average	10	30	M	2.15½ " "					

BOILERMAKERS' APPRENTICES.

Jan. 1847	10	1	M	.37½ per day.	July 1852	10	4	M	.42 per day.
July 1847	10	1	M	.41⅔ " "		10	2	M	.50 " "
Jan. 1848	10	1	M	.41⅔ " "		10	3	M	.58½ " "
July 1848	10	1	M	.50 " "					
Jan. 1849	10	1	M	.50 " "	Average	10	9	M	.49½ " "
July 1849	10	1	M	.42 " "					
	10	1	M	.58½ " "	Jan. 1854	10	6	M	.42 " "
						10	5	M	.50 " "
Average	10	2	M	.50½ " "		10	1	M	.58⅓ " "
						10	1	M	.66⅔ " "
Jan. 1850	10	3	M	.42 " "					
	10	1	M	.58⅓ " "	Average	10	13	M	.48½ " "
Average	10	4	M	.46 " "	July 1854	10	4	M	.42 " "
						10	7	M	.50 " "
July 1850	10	3	M	.42 " "		10	1	M	.58⅓ " "
	10	1	M	.50 " "		10	1	M	.66⅔ " "
	10	1	M	.66⅔ " "					
					Average	10	13	M	.49½ " "
Average	10	5	M	.48⅓ " "					
					Jan. 1855	10	1	M	.42 " "
Jan. 1851	10	4	M	.42 " "		10	5	M	.50 " "
	10	2	M	.50 " "		10	2	M	.58⅓ " "
	10	1	M	.62½ " "					
	10	1	M	.66⅔ " "	Average	10	8	M	.51 " "
Average	10	8	M	.49½ " "	July 1855	10	4	M	.50 " "
						10	3	M	.58⅓ " "
July 1851	10	3	M	.50 " "					
	10	1	M	.62½ " "	Average	10	7	M	.53½ " "
	10	2	M	.66⅔ " "					
					Jan. 1856	10	6	M	.42 " "
Average	10	6	M	.57⅛ " "		10	2	M	.50 " "
						10	3	M	.58⅓ " "
Jan. 1852	10	3	M	.42 " "		10	1	M	.66⅔ " "
	10	4	M	.50 " "					
	10	2	M	.62½ " "	Average	10	12	M	.49½ " "
	10	1	M	.66⅔ " "					
					July 1856	10	5	M	.42 " "
Average	10	10	M	.51⅓ " "		10	1	M	.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1856–conc'd.	10	4	M	$0.58½ per day.
	10	2	M	.66½ " "
Average	10	12	M	.52½ " "
Jan. 1857	10	1	M	.42 " "
	10	2	M	.50 " "
	10	1	M	.58½ " "
	10	1	M	.66½ " "
Average	10	5	M	.53½ " "
July 1857	10	2	M	.66½ " "
Jan. 1860	10	1	M	.37½ " "
July 1860	10	1	M	.37½ " "
	10	1	M	.50 " "
Average	10	2	M	.43½ " "
July 1861	10	1	M	.37½ " "
	10	1	M	.62½ " "
Average	10	2	M	.50 " "
Jan. 1862	10	2	M	.37½ " "
	10	1	M	.75 " "
Average	10	3	M	.50 " "
July 1862	10	2	M	.37½ " "
	10	1	M	.50 " "
Average	10	3	M	.41½ " "
Jan. 1863	10	1	M	.37½ " "
July 1863	10	1	M	.37½ " "
	10	1	M	.42 " "
Average	10	2	M	.39½ " "
Jan. 1864	10	1	M	.42 " "
July 1864	10	2	M	.42 " "
	10	2	M	.50 " "
Average	10	4	M	.46 " "
Jan. 1865	10	2	M	.50 " "
	10	2	M	.62½ " "
Average	10	4	M	.56½ " "
July 1865	10	1	M	.50 " "
	10	2	M	.62½ " "
Average	10	3	M	.58½ " "
Jan. 1868	10	1	M	.62½ " "
	10	2	M	.80 " "
Average	10	3	M	.74 " "
July 1868	10	2	M	.80 " "
Jan. 1869	10	1	M	.80 " "
Jan. 1870	10	1	M	.80 " "
July 1870	10	1	M	.80 " "
July 1876	10	1	M	.60 " "
	10	1	M	.80 " "
Average	10	2	M	.70 " "
Jan. 1877	10	1	M	$0.50 per day.
	10	2	M	.80 " "
Average	10	3	M	.70 " "
July 1877	10	1	M	.50 " "
	10	2	M	.80 " "
Average	10	3	M	.70 " "
Jan. 1878	10	1	M	.50 " "
	10	2	M	.60 " "
	10	2	M	.80 " "
Average	10	5	M	.66 " "
July 1878	10	1	M	.50 " "
	10	2	M	.60 " "
	10	1	M	.80 " "
Average	10	4	M	.62½ " "
Jan. 1879	10	1	M	.50 " "
	10	1	M	.60 " "
	10	1	M	.70 " "
Average	10	3	M	.60 " "
July 1879	10	1	M	.50 " "
	10	2	M	.60 " "
Average	10	3	M	.56½ " "
Jan. 1880	10	1	M	.50 " "
	10	3	M	.70 " "
Average	10	4	M	.65 " "
July 1880	10	1	M	.60 " "
Jan. 1881	10	1	M	.50 " "
	10	2	M	.70 " "
Average	10	3	M	.63½ " "
July 1881	10	1	M	.70 " "
Jan. 1882	10	1	M	.50 " "
	10	1	M	.80 " "
Average	10	2	M	.65 " "
July 1882	10	1	M	.50 " "
	10	1	M	.80 " "
Average	10	2	M	.65 " "
Jan. 1883	10	1	M	.70 " "
	10	1	M	.80 " "
Average	10	2	M	.75 " "
July 1883	10	1	M	.90 " "
Jan. 1884	10	1	M	.50 " "
	10	1	M	.90 " "
Average	10	2	M	.70 " "
July 1884	10	1	M	.90 " "
Jan. 1885	10	1	M	.70 " "
July 1885	10	1	M	.70 " "
Jan. 1886	10	1	M	.70 " "
July 1886	10	1	M	.80 " "
July 1888	10	1	M	.60 " "
Jan. 1889	10	1	M	.60 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1889	10	1	M	$0.60 per day.
	10	1	M	.70 " "
Average	10	2	M	.65 " "
Jan. 1890	10	1	M	.60 " "
	10	1	M	.70 " "
Average	10	2	M	.65 " "
July 1890	10	2	M	.70 " "
Jan. 1891	10	2	M	$0.70 per day.
	10	2	M	.80 " "
Average	10	4	M	.75 " "
July 1891	10	2	M	.70 " "
	10	1	M	.80 " "
	10	1	M	.90 " "
Average	10	4	M	.77½ " "

BOILERMAKERS' HELPERS.

Jan. 1844	10	1	M	.87½ per day.
July 1844	10	1	M	.75 " "
	10	1	M	1.00 " "
Average	10	2	M	.87½ " "
Jan. 1845	10	1	M	.75 " "
	10	1	M	1.00 " "
Average	10	2	M	.87½ " "
July 1845	10	7	M	.75 " "
	10	1	M	.87½ " "
	10	1	M	1.00 " "
Average	10	9	M	.79 " "
Jan. 1846	10	5	M	.75 " "
	10	1	M	.87½ " "
	10	1	M	1.00 " "
Average	10	7	M	.80½ " "
July 1846	10	4	M	.75 " "
	10	1	M	1.00 " "
Average	10	5	M	.80 " "
Jan. 1847	10	5	M	.75 " "
	10	1	M	.87½ " "
	10	2	M	1.00 " "
Average	10	8	M	.83 " "
July 1847	10	6	M	.75 " "
	10	2	M	1.00 " "
Average	10	8	M	.81½ " "
Jan. 1848	10	5	M	.75 " "
	10	1	M	.83 " "
	10	1	M	.87½ " "
	10	1	M	1.00 " "
Average	10	8	M	.80½ " "
July 1848	10	7	M	.75 " "
	10	2	M	.87½ " "
	10	3	M	1.00 " "
Average	10	12	M	.83⅓ " "
Jan. 1849	10	9	M	.75 " "
	10	1	M	.87½ " "
	10	3	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	16	M	.88½ " "
July 1849	10	12	M	.75 per day.
	10	1	M	.87½ " "
	10	2	M	1.00 " "
	10	3	M	1.12½ " "
Average	10	18	M	.84½ " "
Jan. 1850	10	8	M	.75 " "
	10	2	M	.87½ " "
	10	2	M	1.00 " "
	10	3	M	1.12½ " "
Average	10	15	M	.87½ " "
July 1850	10	9	M	.75 " "
	10	2	M	.87½ " "
	10	2	M	1.00 " "
	10	1	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	15	M	.86 " "
Jan. 1851	10	16	M	.75 " "
	10	3	M	.87½ " "
	10	9	M	1.00 " "
Average	10	28	M	.84½ " "
July 1851	10	9	M	.75 " "
	10	5	M	.87½ " "
	10	2	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	17	M	.84 " "
Jan. 1852	10	16	M	.75 " "
	10	4	M	.87½ " "
	10	1	M	1.00 " "
	10	2	M	1.12½ " "
Average	10	23	M	.81½ " "
July 1852	10	1	M	.62½ " "
	10	30	M	.75 " "
	10	7	M	.87½ " "
	10	4	M	1.12½ " "
Average	10	42	M	.80½ " "
Jan. 1853	10	1	M	1.00 " "
Jan. 1854	10	7	M	.75 " "
	10	1	M	.87½ " "
	10	5	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	14	M	.87½ " "
July 1854	10	1	M	.66½ " "
	10	8	M	.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1854–conc'd.	10	1	M	$0.87½ per day.
	10	3	M	1.00 " "
	10	6	M	1.12½ " "
Average	10	19	M	.91 " "
Jan. 1855	10	1	M	.58½ " "
	10	1	M	.62½ " "
	10	2	M	.66½ " "
	10	4	M	.75 " "
	10	3	M	.87½ " "
	10	3	M	1.00 " "
	10	4	M	1.12½ " "
Average	10	18	M	.87 " "
July 1855	10	1	M	.62½ " "
	10	3	M	.66½ " "
	10	5	M	.75 " "
	10	5	M	.87½ " "
	10	5	M	1.00 " "
	10	3	M	1.12½ " "
Average	10	22	M	.87 " "
Jan. 1856	10	18	M	.75 " "
	10	3	M	.87½ " "
	10	10	M	1.00 " "
	10	4	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	36	M	.88½ " "
July 1856	10	18	M	.75 " "
	10	3	M	.87½ " "
	10	7	M	1.00 " "
	10	5	M	1.12½ " "
	10	2	M	1.25 " "
Average	10	35	M	.89½ " "
Jan. 1857	10	3	M	.75 " "
	10	2	M	.87½ " "
	10	4	M	1.00 " "
	10	2	M	1.12½ " "
Average	10	11	M	.93 " "
July 1857	10	2	M	.75 " "
	10	2	M	.87½ " "
	10	1	M	1.00 " "
	10	3	M	1.12½ " "
Average	10	8	M	.95½ " "
Jan. 1858	10	1	M	.75 " "
	10	1	M	1.25 " "
Average	10	2	M	1.00 " "
July 1858	10	1	M	.75 " "
	10	1	M	.87½ " "
Average	10	2	M	.81½ " "
July 1859	10	4	M	.75 " "
	10	2	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	7	M	.87½ " "
Jan. 1860	10	1	M	.70 " "
	10	6	M	.75 " "
	10	2	M	.87½ " "
Jan. 1860–conc'd.	10	2	M	$1.00 per day.
	10	1	M	1.12½ " "
Average	10	12	M	.84 " "
July 1860	10	1	M	.70 " "
	10	6	M	.75 " "
	10	1	M	.87½ " "
Average	10	8	M	.76 " "
July 1861	10	2	M	.87½ " "
	10	2	M	1.12½ " "
Average	10	4	M	1.00 " "
Jan. 1862	10	3	M	.75 " "
	10	3	M	.87½ " "
	10	3	M	1.12½ " "
Average	10	9	M	.91½ " "
July 1862	10	2	M	.75 " "
	10	1	M	.87½ " "
	10	2	M	1.12½ " "
Average	10	5	M	.92½ " "
Jan. 1863	10	1	M	.87½ " "
	10	2	M	1.00 " "
Average	10	3	M	.96 " "
July 1863	10	1	M	.50 " "
	10	2	M	.62½ " "
	10	2	M	1.00 " "
Average	10	5	M	.75 " "
Jan. 1864	10	3	M	.50 " "
	10	1	M	.62½ " "
	10	1	M	.75 " "
	10	2	M	1.00 " "
	10	3	M	1.12½ " "
Average	10	10	M	.82½ " "
July 1864	10	4	M	.62½ " "
	10	2	M	.75 " "
	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	9	M	.82 " "
Jan. 1865	10	1	M	.62½ " "
	10	1	M	.87½ " "
	10	3	M	1.00 " "
Average	10	5	M	.90 " "
July 1865	10	2	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	3	M	1.04 " "
Jan. 1866	10	2	M	.75 " "
	10	1	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	4	M	.90½ " "
July 1866	10	1	M	1.00 " "
Jan. 1867	10	1	M	1.12½ " "
July 1867	10	1	M	1.12½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1868	10	1	M	$0.87½ per day.
	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	3	M	1.04 " "
July 1868	10	1	M	.80 " "
	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	3	M	1.01½ " "
Jan. 1869	10	1	M	.87½ " "
	10	1	M	.90 " "
	10	2	M	1.00 " "
	10	1	M	1.10 " "
Average	10	5	M	.97½ " "
July 1869	10	1	M	.87½ " "
	10	1	M	.90 " "
	10	1	M	1.00 " "
	10	1	M	1.20 " "
Average	10	4	M	.99½ " "
Jan. 1870	10	1	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.50 " "
Average	10	3	M	1.12½ " "
July 1870	10	1	M	.80 " "
	10	1	M	1.00 " "
	10	1	M	1.40 " "
Average	10	3	M	1.06½ " "
Jan. 1871	10	1	M	.80 " "
	10	1	M	1.00 " "
	10	1	M	1.40 " "
Average	10	3	M	1.06½ " "
July 1871	10	2	M	1.00 " "
	10	1	M	1.20 " "
Average	10	3	M	1.06½ " "
Jan. 1872	10	1	M	.80 " "
	10	2	M	.90 " "
	10	2	M	1.00 " "
	10	1	M	1.30 " "
	10	1	M	1.40 " "
Average	10	7	M	1.04½ " "
July 1872	10	2	M	.90 " "
	10	2	M	1.00 " "
	10	1	M	1.20 " "
	10	1	M	1.40 " "
Average	10	6	M	1.06½ " "
Jan. 1873	10	4	M	1.00 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
Average	10	6	M	1.15 " "
July 1873	10	2	M	.80 " "
	10	2	M	1.00 " "
	10	2	M	1.30 " "
Average	10	6	M	1.03½ " "
Jan. 1874	10	2	M	$0.80 per day.
July 1874	10	2	M	.80 " "
	10	1	M	1.30 " "
Average	10	3	M	.96½ " "
Jan. 1875	10	2	M	.80 " "
	10	1	M	1.30 " "
Average	10	3	M	.96½ " "
July 1875	10	2	M	.80 " "
Jan. 1876	10	2	M	.80 " "
	10	1	M	1.40 " "
Average	10	3	M	1.00 " "
July 1876	10	3	M	.80 " "
	10	2	M	1.00 " "
	10	2	M	1.20 " "
	10	2	M	1.30 " "
Average	10	9	M	1.04½ " "
Jan. 1877	10	4	M	.80 " "
	10	2	M	1.10 " "
	10	2	M	1.20 " "
	10	4	M	1.30 " "
	10	1	M	1.40 " "
Average	10	13	M	1.11 " "
July 1877	10	1	M	.80 " "
	10	1	M	.90 " "
	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	5	M	1.20 " "
	10	3	M	1.30 " "
	10	2	M	1.40 " "
Average	10	14	M	1.18 " "
Jan. 1878	10	2	M	.80 " "
	10	1	M	1.00 " "
	10	7	M	1.20 " "
	10	2	M	1.30 " "
	10	1	M	1.40 " "
Average	10	13	M	1.15½ " "
July 1878	10	2	M	1.20 " "
	10	1	M	1.40 " "
Average	10	3	M	1.26½ " "
Jan. 1879	10	2	M	1.20 " "
	10	1	M	1.30 " "
Average	10	3	M	1.23½ " "
July 1879	10	1	M	1.20 " "
	10	2	M	1.30 " "
Average	10	3	M	1.26½ " "
Jan. 1880	10	1	M	.90 " "
	10	3	M	1.30 " "
Average	10	4	M	1.20 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880	10	1	M	$0.80 per day.
	10	1	M	.90 " "
	10	2	M	1.40 " "
Average	10	4	M	1.12½ " "
Jan. 1881	10	1	M	.80 " "
	10	3	M	1.00 " "
	10	1	M	1.20 " "
	10	2	M	1.30 " "
	10	1	M	1.40 " "
Average	10	8	M	1.12½ " "
July 1881	10	2	M	.90 " "
	10	2	M	1.00 " "
	10	3	M	1.20 " "
	10	2	M	1.30 " "
	10	1	M	1.40 " "
Average	10	10	M	1.14 " "
Jan. 1882	10	1	M	.90 " "
	10	2	M	1.00 " "
	10	4	M	1.30 " "
	10	1	M	1.40 " "
Average	10	8	M	1.18⅛ " "
July 1882	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	2	M	1.30 " "
Average	10	4	M	1.17½ " "
Jan. 1883	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
Average	10	4	M	1.15 " "
July 1883	10	1	M	1.10 " "
	10	1	M	1.20 " "
	10	2	M	1.30 " "
	10	3	M	1.40 " "
Average	10	7	M	1.30 " "
Jan. 1884	10	1	M	1.10 " "
	10	1	M	1.20 " "
	10	2	M	1.40 " "
Average	10	4	M	1.27½ " "
July 1884	10	1	M	1.20 " "
	10	2	M	1.30 " "
	10	2	M	1.40 " "
Average	10	5	M	1.32 " "
Jan. 1885	10	2	M	1.25 " "
July 1885	10	1	M	.70 " "
	10	1	M	.80 " "
	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	4	M	.93⅛ " "
Jan. 1886	10	2	M	.80 " "
	10	1	M	1.00 " "
	10	1	M	1.25 " "
Average	10	4	M	.96⅛ " "
July 1886	10	2	M	$0.80 per day.
	10	2	M	1.00 " "
	10	2	M	1.30 " "
Average	10	6	M	1.03⅛ " "
Jan. 1887	10	2	M	.80 " "
	10	2	M	1.00 " "
Average	10	4	M	.90 " "
July 1887	10	1	M	.80 " "
	10	1	M	1.00 " "
	10	2	M	1.10 " "
	10	1	M	1.25 " "
Average	10	5	M	1.05 " "
Jan. 1888	10	2	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.25 " "
Average	10	4	M	1.08⅛ " "
July 1888	10	1	M	.70 " "
	10	1	M	1.00 " "
	10	1	M	1.20 " "
	10	1	M	1.25 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
Average	10	6	M	1.17½ " "
Jan. 1889	10	1	M	.70 " "
	10	1	M	1.10 " "
	10	1	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.40 " "
Average	10	6	M	1.17½ " "
July 1889	10	1	M	.85 " "
	10	1	M	1.10 " "
	10	2	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.60 " "
Average	10	10	M	1.28 " "
Jan. 1890	10	1	M	.85 " "
	10	1	M	1.10 " "
	10	1	M	1.25 " "
	10	2	M	1.30 " "
	10	1	M	1.35 " "
	10	3	M	1.40 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
Average	10	12	M	1.33 " "
July 1890	10	2	M	1.10 " "
	10	2	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	4	M	1.40 " "
	10	3	M	1.50 " "
	10	1	M	1.60 " "
Average	10	14	M	1.36 " "
Jan. 1891	10	2	M	1.10 " "
	10	2	M	1.25 " "
	10	1	M	1.30 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891–conc'd.	10	2	M	$1.35 per day.	July 1891–conc'd.	10	2	M	$1.30 per day.
	10	8	M	1.40 " "		10	2	M	1.35 " "
	10	4	M	1.50 " "		10	6	M	1.40 " "
	10	1	M	1.60 " "		10	5	M	1.50 " "
						10	1	M	1.60 " "
Average	10	20	M	1.37½ " "		10	1	M	1.70 " "
July 1891	10	2	M	1.20 " "	Average	10	20	M	1.40½ " "
	10	1	M	1.25 " "					

FOREMEN, BLACKSMITHS.

July 1849	10	1	M	2.00 per day.	July 1873	10	1	M	4.00 per day.
Jan. 1850	10	1	M	2.00 " "	Jan. 1874	10	1	M	4.00 " "
July 1850	10	1	M	2.00 " "	July 1874	10	1	M	4.00 " "
Jan. 1851	10	1	M	2.00 " "	Jan. 1875	10	1	M	4.00 " "
July 1851	10	1	M	2.00 " "	July 1875	10	1	M	4.00 " "
Jan. 1852	10	1	M	2.00 " "	Jan. 1876	10	1	M	4.00 " "
July 1852	10	1	M	2.25 " "	July 1876	10	1	M	4.00 " "
Jan. 1854	10	1	M	2.50 " "	Jan. 1877	10	1	M	4.00 " "
July 1854	10	2	M	2.75 " "	July 1877	10	1	M	4.00 " "
Jan. 1855	10	1	M	2.75 " "	Jan. 1878	10	1	M	4.00 " "
July 1855	10	1	M	2.75 " "	July 1878	10	1	M	4.00 " "
Jan. 1856	10	1	M	3.00 " "	Jan. 1879	10	1	M	3.75 " "
July 1856	10	1	M	3.00 " "	July 1879	10	1	M	3.75 " "
Jan. 1857	10	1	M	3.00 " "	Jan. 1880	10	1	M	3.75 " "
July 1857	10	1	M	3.00 " "	July 1880	10	1	M	3.75 " "
July 1861	10	1	M	2.00 " "	Jan. 1881	10	1	M	3.75 " "
Jan. 1862	10	1	M	2.00 " "	July 1881	10	1	M	3.75 " "
July 1862	10	1	M	2.00 " "	Jan. 1882	10	1	M	3.75 " "
Jan. 1863	10	1	M	2.00 " "	July 1882	10	1	M	3.75 " "
July 1863	10	1	M	2.50 " "	Jan. 1883	10	1	M	3.75 " "
Jan. 1864	10	1	M	3.50 " "	July 1883	10	1	M	3.75 " "
July 1864	10	1	M	3.50 " "	Jan. 1884	10	1	M	3.00 " "
Jan. 1865	10	1	M	4.50 " "	July 1884	10	1	M	3.00 " "
July 1865	10	1	M	4.50 " "	Jan. 1885	10	1	M	3.00 " "
July 1866	10	1	M	3.00 " "	July 1885	10	1	M	3.00 " "
Jan. 1867	10	1	M	3.25 " "	Jan. 1886	10	1	M	3.00 " "
July 1867	10	1	M	3.25 " "	July 1886	10	1	M	3.50 " "
Jan. 1868	10	1	M	3.25 " "	Jan. 1887	10	1	M	3.50 " "
July 1868	10	1	M	3.25 " "	July 1887	10	1	M	3.50 " "
Jan. 1869	10	1	M	3.25 " "	Jan. 1888	10	1	M	3.00 " "
July 1869	10	1	M	3.25 " "	July 1888	10	1	M	3.00 " "
Jan. 1870	10	1	M	3.25 " "	Jan. 1889	10	1	M	3.00 " "
July 1870	10	1	M	3.25 " "	July 1889	10	1	M	3.00 " "
Jan. 1871	10	1	M	3.50 " "	Jan. 1890	10	1	M	3.25 " "
July 1871	10	1	M	3.50 " "	July 1890	10	1	M	3.25 " "
Jan. 1872	10	1	M	3.80 " "	Jan. 1891	10	1	M	3.25 " "
July 1872	10	1	M	3.80 " "	July 1891	10	1	M	3.25 " "
Jan. 1873	10	1	M	3.80 " "					

FOREMEN, BOILERMAKERS.

Jan. 1844	10	1	M	1.62½ per day.	Jan. 1852	10	1	M	2.50 per day.
July 1844	10	1	M	1.62½ " "	July 1852	10	1	M	2.50 " "
Jan. 1845	10	1	M	1.62½ " "	Jan. 1854	10	1	M	3.00 " "
July 1845	10	1	M	1.87½ " "	July 1854	10	1	M	3.50 " "
Jan. 1846	10	1	M	1.87½ " "	Jan. 1855	10	1	M	3.50 " "
July 1846	10	1	M	1.87½ " "	July 1855	10	1	M	3.50 " "
Jan. 1847	10	1	M	2.25 " "	Jan. 1856	10	1	M	3.50 " "
July 1847	10	1	M	2.25 " "	July 1856	10	1	M	3.50 " "
Jan. 1848	10	1	M	2.25 " "	Jan. 1857	10	1	M	3.50 " "
July 1848	10	1	M	2.25 " "	July 1857	10	1	M	3.50 " "
Jan. 1849	10	1	M	2.25 " "	July 1861	10	1	M	2.00 " "
July 1849	10	1	M	2.25 " "	Jan. 1862	10	1	M	2.00 " "
Jan. 1850	10	1	M	2.50 " "	July 1862	10	1	M	2.00 " "
July 1850	10	1	M	2.50 " "	Jan. 1863	10	1	M	2.50 " "
Jan. 1851	10	1	M	2.50 " "	July 1863	10	1	M	2.50 " "
July 1851	10	1	M	2.50 " "	Jan. 1864	10	1	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

FOREMEN, BOILERMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1864	10	1	M	$3.25 per day.	July 1878	10	1	M	$4.12½ per day.
Jan. 1865	10	1	M	3.25 " "	Jan. 1879	10	1	M	4.12½ " "
July 1865	10	1	M	3.25 " "	July 1879	10	1	M	4.12½ " "
Jan. 1866	10	1	M	3.33½ " "	Jan. 1880	10	1	M	4.12½ " "
July 1866	10	1	M	3.33½ " "	July 1880	10	1	M	4.12½ " "
Jan. 1867	10	1	M	3.33½ " "	Jan. 1881	10	1	M	4.12½ " "
July 1867	10	1	M	3.33½ " "	July 1881	10	1	M	4.12½ " "
Jan. 1868	10	1	M	4.12½ " "	Jan. 1882	10	1	M	4.12½ " "
July 1868	10	1	M	3.33½ " "	July 1882	10	1	M	4.12½ " "
Jan. 1869	10	1	M	4.12½ " "	Jan. 1883	10	1	M	4.12½ " "
July 1869	10	1	M	5.00 " "	July 1883	10	1	M	4.12½ " "
July 1870	10	1	M	3.33 " "	Jan. 1884	10	1	M	3.33½ " "
Jan. 1871	10	1	M	3.33 " "	July 1884	10	1	M	3.33½ " "
July 1871	10	1	M	3.33 " "	Jan. 1885	10	1	M	3.33½ " "
Jan. 1872	10	1	M	4.12½ " "	July 1885	10	1	M	3.33½ " "
July 1872	10	1	M	4.12½ " "	Jan. 1886	10	1	M	3.33½ " "
Jan. 1873	10	1	M	4.12½ " "	July 1886	10	1	M	3.33½ " "
July 1873	10	1	M	4.12½ " "	Jan. 1887	10	1	M	3.33½ " "
Jan. 1874	10	1	M	4.12½ " "	July 1887	10	1	M	3.33½ " "
July 1874	10	1	M	4.12½ " "	Jan. 1888	10	1	M	3.33½ " "
Jan. 1875	10	1	M	4.12½ " "	July 1888	10	1	M	3.33½ " "
July 1875	10	1	M	4.12½ " "	Jan. 1889	10	1	M	3.33½ " "
Jan. 1876	10	1	M	4.12½ " "	July 1889	10	1	M	3.33½ " "
July 1876	10	1	M	4.12½ " "	Jan. 1890	10	1	M	3.33½ " "
Jan. 1877	10	1	M	4.12½ " "	July 1890	10	1	M	4.12½ " "
July 1877	10	1	M	4.12½ " "	Jan. 1891	10	1	M	4.12½ " "
Jan. 1878	10	1	M	4.12½ " "	July 1891	10	1	M	4.12½ " "

FOREMEN, MACHINISTS.

Jan. 1843	10	1	M	2.00 per day.	Jan. 1871	10	1	M	5.00 per day.
July 1843	10	1	M	2.00 " "	July 1871	10	1	M	5.00 " "
July 1844	10	1	M	2.00 " "	Jan. 1872	10	1	M	6.00 " "
Jan. 1845	10	1	M	2.00 " "	July 1872	10	1	M	6.00 " "
July 1845	10	1	M	2.00 " "	Jan. 1873	10	1	M	6.00 " "
Jan. 1846	10	1	M	2.00 " "	July 1873	10	1	M	6.00 " "
July 1846	10	1	M	1.87½ " "	Jan. 1874	10	1	M	6.00 " "
Jan. 1847	10	1	M	2.25 " "	July 1874	10	1	M	6.00 " "
July 1847	10	1	M	2.25 " "	Jan. 1875	10	1	M	6.00 " "
Jan. 1848	10	1	M	2.25 " "	July 1875	10	1	M	6.00 " "
July 1848	10	1	M	2.25 " "	Jan. 1876	10	1	M	6.00 " "
Jan. 1849	10	1	M	2.25 " "	July 1876	10	1	M	6.00 " "
July 1849	10	1	M	2.25 " "	Jan. 1877	10	1	M	6.00 " "
Jan. 1850	10	1	M	1.87½ " "	July 1877	10	1	M	6.00 " "
July 1850	10	1	M	1.87½ " "	Jan. 1878	10	1	M	6.00 " "
Jan. 1851	10	1	M	1.87½ " "	July 1878	10	1	M	6.00 " "
July 1851	10	1	M	1.87½ " "	Jan. 1879	10	1	M	5.43½ " "
Jan. 1852	10	1	M	2.00 " "	July 1879	10	1	M	5.43½ " "
July 1852	10	1	M	2.00 " "	Jan. 1880	10	1	M	5.43½ " "
Jan. 1854	10	1	M	2.50 " "	July 1880	10	1	M	5.43½ " "
July 1854	10	1	M	2.50 " "	Jan. 1881	10	1	M	5.43½ " "
Jan. 1855	10	1	M	2.00 " "	July 1881	10	1	M	5.43½ " "
July 1855	10	1	M	2.00 " "	Jan. 1882	10	1	M	5.43½ " "
Jan. 1857	10	1	M	3.19½ " "	July 1882	10	1	M	5.43½ " "
July 1857	10	1	M	3.19½ " "	Jan. 1883	10	1	M	5.43½ " "
July 1861	10	1	M	2.50 " "	July 1883	10	1	M	5.43½ " "
Jan. 1864	10	1	M	2.50 " "	Jan. 1884	10	1	M	5.43½ " "
July 1864	10	1	M	3.00 " "	July 1885	10	1	M	4.12½ " "
Jan. 1865	10	1	M	3.25 " "	Jan. 1886	10	1	M	4.12½ " "
July 1865	10	1	M	3.25 " "	July 1886	10	1	M	4.12½ " "
Jan. 1866	10	1	M	4.00 " "	Jan. 1887	10	1	M	4.12½ " "
July 1866	10	1	M	4.00 " "	July 1887	10	1	M	4.12½ " "
Jan. 1867	10	1	M	4.00 " "	Jan. 1888	10	1	M	4.12½ " "
July 1867	10	1	M	4.00 " "	July 1888	10	1	M	4.12½ " "
Jan. 1868	10	1	M	4.00 " "	Jan. 1889	10	1	M	4.12½ " "
July 1868	10	1	M	4.00 " "	July 1889	10	1	M	4.12½ " "
Jan. 1869	10	1	M	4.00 " "	Jan. 1890	10	1	M	4.12½ " "
July 1869	10	1	M	5.00 " "	July 1890	10	1	M	4.12½ " "
Jan. 1870	10	1	M	5.00 " "	Jan. 1891	10	1	M	4.12½ " "
July 1870	10	1	M	5.00 " "	July 1891	10	1	M	4.12½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

FOREMEN, MOULDERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865	10	1	M	$3.33⅓ per day.	Jan. 1880	10	1	M	$4.12½ per day.
July 1865	10	1	M	3.33⅓ " "	July 1880	10	1	M	4.12½ " "
Jan. 1866	10	1	M	3.33½ " "	Jan. 1881	10	1	M	4.12½ " "
July 1866	10	1	M	3.50 " "	July 1881	10	1	M	4.12½ " "
Jan. 1867	10	1	M	3.50 " "	Jan. 1882	10	1	M	4.12½ " "
July 1867	10	1	M	3.70 " "	July 1882	10	1	M	4.12½ " "
Jan. 1868	10	1	M	3.70 " "	Jan. 1883	10	1	M	4.12½ " "
July 1868	10	1	M	3.70 " "	July 1883	10	1	M	4.12½ " "
Jan. 1869	10	1	M	3.70 " "	Jan. 1884	10	1	M	4.12½ " "
July 1869	10	1	M	3.70 " "	July 1884	10	1	M	4.12½ " "
Jan. 1870	10	1	M	3.60 " "	Jan. 1885	10	1	M	4.12½ " "
July 1870	10	1	M	3.60 " "	July 1885	10	1	M	4.12½ " "
Jan. 1871	10	1	M	3.33⅓ " "	Jan. 1886	10	1	M	4.12½ " "
July 1871	10	1	M	4.12½ " "	July 1886	10	1	M	4.12½ " "
Jan. 1872	10	1	M	4.12½ " "	Jan. 1887	10	1	M	4.12½ " "
July 1872	10	1	M	4.12½ " "	July 1887	10	1	M	4.12½ " "
Jan. 1873	10	1	M	4.12½ " "	Jan. 1888	10	1	M	4.12½ " "
July 1873	10	1	M	4.12½ " "	July 1888	10	1	M	4.12½ " "
Jan. 1874	10	1	M	4.12½ " "	Jan. 1889	10	1	M	4.12½ " "
July 1874	10	1	M	4.12½ " "	July 1889	10	1	M	4.12½ " "
Jan. 1875	10	1	M	4.12½ " "	Jan. 1890	10	1	M	4.12½ " "
July 1875	10	1	M	4.12½ " "	July 1890	10	1	M	4.12½ " "
Jan. 1876	10	1	M	4.12½ " "	Jan. 1891	10	1	M	4.12½ " "
July 1876	10	1	M	4.12½ " "	July 1891	10	1	M	4.12½ " "
Jan. 1877	10	1	M	4.12½ " "					

FOREMEN, PATTERNMAKERS.

July 1864	10	1	M	3.00 per day.	July 1878	10	1	M	5.00 per day.
Jan. 1865	10	1	M	3.25 " "	Jan. 1879	10	1	M	5.00 " "
July 1865	10	1	M	3.75 " "	July 1879	10	1	M	5.00 " "
Jan. 1866	10	1	M	3.75 " "	Jan. 1880	10	1	M	5.00 " "
July 1866	10	1	M	4.00 " "	July 1880	10	1	M	5.00 " "
Jan. 1867	10	1	M	4.00 " "	Jan. 1881	10	1	M	5.00 " "
July 1867	10	1	M	4.00 " "	July 1881	10	1	M	5.00 " "
Jan. 1868	10	1	M	4.00 " "	Jan. 1882	10	1	M	5.00 " "
July 1868	10	1	M	4.00 " "	July 1882	10	1	M	5.00 " "
Jan. 1869	10	1	M	4.50 " "	Jan. 1883	10	1	M	5.00 " "
July 1869	10	1	M	4.50 " "	July 1883	10	1	M	5.00 " "
Jan. 1870	10	1	M	4.00 " "	Jan. 1884	10	1	M	5.00 " "
July 1870	10	1	M	4.00 " "	July 1884	10	1	M	5.00 " "
Jan. 1871	10	1	M	4.00 " "	Jan. 1885	10	1	M	5.00 " "
July 1871	10	1	M	4.00 " "	July 1885	10	1	M	5.00 " "
Jan. 1872	10	1	M	4.00 " "	Jan. 1886	10	1	M	5.00 " "
July 1872	10	1	M	4.00 " "	July 1886	10	1	M	5.00 " "
Jan. 1873	10	1	M	4.00 " "	Jan. 1887	10	1	M	5.00 " "
July 1873	10	1	M	4.50 " "	July 1887	10	1	M	5.00 " "
Jan. 1874	10	1	M	4.50 " "	Jan. 1888	10	1	M	5.00 " "
July 1874	10	1	M	4.50 " "	July 1888	10	1	M	5.00 " "
Jan. 1875	10	1	M	4.50 " "	Jan. 1889	10	1	M	5.00 " "
July 1875	10	1	M	4.50 " "	July 1889	10	1	M	5.00 " "
Jan. 1876	10	1	M	4.50 " "	Jan. 1890	10	1	M	5.00 " "
July 1876	10	1	M	4.50 " "	July 1890	10	1	M	5.00 " "
Jan. 1877	10	1	M	4.50 " "	Jan. 1891	10	1	M	5.00 " "
July 1877	10	1	M	5.00 " "	July 1891	10	1	M	5.00 " "
Jan. 1878	10	1	M	5.00 " "					

MACHINISTS.

Jan. 1843	10	2	M	1.25 per day.	July 1844	10	1	M	1.12½ per day.
						10	9	M	1.25 " "
July 1843	10	1	M	1.00 " "		10	3	M	1.37½ " "
	10	2	M	1.25 " "		10	1	M	1.75 " "
Average	10	3	M	1.16⅔ " "	Average	10	14	M	1.30½ " "
					Jan. 1845	10	1	M	1.12½ " "
Jan. 1844	10	2	M	1.00 " "		10	5	M	1.25 " "
	10	9	M	1.25 " "		10	2	M	1.37½ " "
	10	1	M	1.75 " "		10	1	M	1.50 " "
Average	10	12	M	1.25 " "	Average	10	9	M	1.29 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1845	10	7	M	$1.25 per day.
	10	3	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	11	M	1.30½ " "
Jan. 1846	10	6	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	8	M	1.29½ " "
July 1846	10	5	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	8	M	1.34⅜ " "
Jan. 1847	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	4	M	1.25 " "
	10	3	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	2.00 " "
Average	10	11	M	1.38½ " "
July 1847	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	3	M	1.25 " "
	10	3	M	1.50 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
Average	10	10	M	1.42½ " "
Jan. 1848	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	2	M	1.25 " "
	10	3	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	8	M	1.37½ " "
July 1848	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	3	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.87½ " "
Average	10	8	M	1.45½ " "
Jan. 1849	10	3	M	1.25 " "
	10	1	M	1.37½ " "
	10	3	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.87½ " "
Average	10	9	M	1.46 " "
July 1849	10	3	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.87½ " "
Average	10	9	M	1.47 " "
Jan. 1850	10	3	M	1.25 " "
	10	1	M	1.37½ " "
	10	3	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	8	M	1.40½ " "
July 1850	10	2	M	$1.25 per day.
	10	1	M	1.37½ " "
	10	3	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	7	M	1.43 " "
Jan. 1851	10	2	M	1.25 " "
	10	2	M	1.37½ " "
	10	3	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	8	M	1.42 " "
July 1851	10	2	M	1.00 " "
	10	2	M	1.25 " "
	10	2	M	1.37½ " "
	10	8	M	1.50 " "
	10	1	M	1.75 " "
Average	10	15	M	1.40 " "
Jan. 1852	10	1	M	1.12½ " "
	10	3	M	1.25 " "
	10	2	M	1.37½ " "
	10	9	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	18	M	1.46 " "
July 1852	10	2	M	1.25 " "
	10	2	M	1.37½ " "
	10	10	M	1.50 " "
	10	3	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	19	M	1.50½ " "
Jan. 1854	10	3	M	1.12½ " "
	10	3	M	1.25 " "
	10	2	M	1.37½ " "
	10	1	M	1.50 " "
	10	4	M	1.62½ " "
	10	5	M	1.75 " "
	10	2	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	22	M	1.56½ " "
July 1854	10	3	M	1.25 " "
	10	3	M	1.37½ " "
	10	3	M	1.50 " "
	10	3	M	1.62½ " "
	10	5	M	1.75 " "
	10	2	M	1.87½ " "
	10	3	M	2.00 " "
	10	1	M	2.50 " "
Average	10	23	M	1.66½ " "
Jan. 1855	10	2	M	1.25 " "
	10	2	M	1.37½ " "
	10	4	M	1.50 " "
	10	1	M	1.62½ " "
	10	4	M	1.75 " "
	10	1	M	1.87½ " "
	10	3	M	2.00 " "
Average	10	17	M	1.63 " "
July 1855	10	3	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.62½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1855–conc'd.	10	7	M	$1.75 per day.
	10	3	M	2.00 " "
Average	10	17	M	1.64½ " "
Jan. 1856	10	2	M	1.25 " "
	10	2	M	1.37½ " "
	10	3	M	1.50 " "
	10	2	M	1.62½ " "
	10	7	M	1.75 " "
	10	1	M	1.87½ " "
	10	5	M	2.00 " "
	10	2	M	2.12½ " "
Average	10	24	M	1.72½ " "
July 1856	10	1	M	1.25 " "
	10	5	M	1.50 " "
	10	2	M	1.62½ " "
	10	8	M	1.75 " "
	10	1	M	1.87½ " "
	10	4	M	2.00 " "
	10	2	M	2.12½ " "
Average	10	23	M	1.74½ " "
Jan. 1857	10	2	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	7	M	1.75 " "
	10	1	M	2.00 " "
Average	10	13	M	1.64½ " "
July 1857	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	4	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
Average	10	9	M	1.68 " "
Jan. 1858	10	1	M	1.50 " "
July 1858	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	2	M	2.18½ " "
July 1859	10	2	M	1.12½ " "
	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.87½ " "
Average	10	7	M	1.41 " "
Jan. 1860	10	2	M	1.12½ " "
	10	2	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.87½ " "
Average	10	8	M	1.37½ " "
July 1860	10	1	M	1.12½ " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
Average	10	4	M	1.37½ " "
July 1861	10	1	M	1.50 " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
Average	10	3	M	1.64 " "
Jan. 1862	10	3	M	$1.25 per day.
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.66½ " "
	10	2	M	1.75 " "
Average	10	9	M	1.47½ " "
July 1862	10	4	M	1.37½ " "
	10	2	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
Average	10	12	M	1.58½ " "
Jan. 1863	10	2	M	1.37½ " "
	10	5	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.66½ " "
	10	2	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
Average	10	13	M	1.61 " "
July 1863	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	1	M	1.66½ " "
	10	1	M	1.75 " "
	10	4	M	2.00 " "
	10	1	M	2.12½ " "
Average	10	12	M	1.76½ " "
Jan. 1864	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	5	M	1.75 " "
	10	1	M	2.00 " "
	10	2	M	2.12½ " "
	10	2	M	2.25 " "
Average	10	14	M	1.79½ " "
July 1864	10	2	M	1.50 " "
	10	1	M	2.00 " "
	10	2	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	2	M	2.75 " "
Average	10	11	M	2.22½ " "
Jan. 1865	10	2	M	1.25 " "
	10	2	M	1.75 " "
	10	2	M	2.25 " "
	10	2	M	2.37½ " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	2	M	2.87½ " "
Average	10	12	M	2.17½ " "
July 1865	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	2.25 " "
	10	1	M	2.37½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1865–	10	1	M	$2.50 per day.
conc'd.	10	1	M	2.75 " "
Average	10	9	M	1.98½ " "
Jan. 1866	10	3	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	3	M	2.50 " "
	10	1	M	2.87½ " "
Average	10	11	M	2.15 " "
July 1866	10	1	M	1.12½ " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.87½ " "
	10	1	M	2.12½ " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	2.87½ " "
	10	2	M	3.00 " "
Average	10	13	M	2.32½ " "
Jan. 1867	10	1	M	1.37½ " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	3	M	2.75 " "
	10	4	M	3.00 " "
Average	10	15	M	2.42½ " "
July 1867	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.62½ " "
	10	1	M	2.65 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.25 " "
	10	1	M	3.75 " "
Average	10	16	M	2.43 " "
Jan. 1868	10	1	M	1.70 " "
	10	1	M	1.87½ " "
	10	1	M	2.12½ " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.62½ " "
	10	1	M	2.65 " "
	10	3	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.75 " "
Average	10	13	M	2.57 " "
July 1868	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	2	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868–	10	1	M	$2.62½ per day.
conc'd.	10	4	M	2.87½ " "
Average	10	13	M	2.35½ " "
Jan. 1869	10	2	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
	10	2	M	2.12½ " "
	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	3	M	2.62½ " "
	10	4	M	2.87½ " "
Average	10	18	M	2.37 " "
July 1869	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.90 " "
	10	1	M	2.10 " "
	10	1	M	2.12½ " "
	10	3	M	2.25 " "
	10	2	M	2.50 " "
	10	3	M	2.62½ " "
	10	3	M	2.87½ " "
	10	1	M	3.00 " "
Average	10	17	M	2.39 " "
Jan. 1870	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	2	M	1.80 " "
	10	1	M	2.12½ " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.62½ " "
	10	1	M	2.87½ " "
	10	3	M	3.00 " "
Average	10	16	M	2.36½ " "
July 1870	10	1	M	1.50 " "
	10	1	M	1.65 " "
	10	2	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	4	M	2.50 " "
	10	2	M	2.62½ " "
	10	3	M	3.00 " "
Average	10	17	M	2.36½ " "
Jan. 1871	10	1	M	1.65 " "
	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	3	M	2.20 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	2.62½ " "
	10	3	M	3.00 " "
Average	10	14	M	2.40 " "
July 1871	10	1	M	1.60 " "
	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	1	M	2.40 " "
	10	2	M	2.62½ " "
	10	3	M	3.00 " "
Average	10	12	M	2.42½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872	10	1	M	$1.50 per day.
	10	3	M	1.80 " "
	10	2	M	2.20 " "
	10	2	M	2.25 " "
	10	2	M	2.50 " "
	10	2	M	2.62½ " "
	10	1	M	2.70 " "
	10	3	M	3.00 " "
Average	10	16	M	2.36 " "
July 1872	10	1	M	1.70 " "
	10	1	M	2.00 " "
	10	2	M	2.10 " "
	10	2	M	2.20 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	2.62½ " "
	10	1	M	2.70 " "
	10	3	M	3.00 " "
Average	10	15	M	2.41½ " "
Jan. 1873	10	1	M	1.62½ " "
	10	1	M	1.70 " "
	10	4	M	2.10 " "
	10	2	M	2.20 " "
	10	1	M	2.25 " "
	10	3	M	2.40 " "
	10	2	M	2.50 " "
	10	1	M	2.62½ " "
	10	3	M	3.00 " "
Average	10	18	M	2.34½ " "
July 1873	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "
	10	1	M	2.10 " "
	10	3	M	2.25 " "
	10	5	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.35 " "
Average	10	18	M	2.35 " "
Jan. 1874	10	1	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.90 " "
	10	5	M	2.20 " "
	10	2	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	3.10 " "
Average	10	14	M	2.25½ " "
July 1874	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.70 " "
	10	1	M	1.90 " "
	10	2	M	2.10 " "
	10	4	M	2.20 " "
	10	1	M	2.30 " "
	10	5	M	2.40 " "
	10	4	M	2.50 " "
	10	1	M	2.80 " "
	10	1	M	3.10 " "
Average	10	23	M	2.24½ " "
Jan. 1875	10	1	M	1.60 " "
	10	1	M	1.90 " "
	10	1	M	2.40 " "
Jan. 1875–conc'd.	10	1	M	$2.50 per day.
	10	1	M	2.80 " "
	10	1	M	3.10 " "
Average	10	6	M	2.38½ " "
July 1875	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	2.00 " "
	10	2	M	2.20 " "
	10	1	M	2.40 " "
	10	2	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.80 " "
Average	10	11	M	2.18 " "
Jan. 1876	10	1	M	1.20 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	2.00 " "
	10	2	M	2.20 " "
	10	1	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.80 " "
	10	1	M	3 10 " "
Average	10	12	M	2.15 " "
July 1876	10	1	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.80 " "
	10	4	M	2.00 " "
	10	4	M	2.10 " "
	10	2	M	2.20 " "
	10	1	M	2.30 " "
	10	2	M	2.40 " "
	10	1	M	2.70 " "
	10	1	M	2.80 " "
Average	10	20	M	2.08 " "
Jan. 1877	10	3	M	1.50 " "
	10	1	M	1.60 " "
	10	4	M	1.70 " "
	10	3	M	1.80 " "
	10	4	M	2.00 " "
	10	3	M	2.10 " "
	10	3	M	2.20 " "
	10	3	M	2.40 " "
	10	1	M	2.70 " "
	10	1	M	2.80 " "
Average	10	26	M	1.99½ " "
July 1877	10	3	M	1.50 " "
	10	2	M	1.60 " "
	10	3	M	1.70 " "
	10	1	M	1.80 " "
	10	3	M	2.00 " "
	10	3	M	2.10 " "
	10	3	M	2.20 " "
	10	3	M	2.40 " "
	10	1	M	2.70 " "
	10	1	M	2.80 " "
Average	10	23	M	2.01 " "
Jan. 1878	10	3	M	1.50 " "
	10	4	M	1.60 " "
	10	4	M	1.70 " "
	10	1	M	1.80 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878–conc'd.	10	2	M	$2.00 per day.
	10	3	M	2.10 " "
	10	4	M	2.20 " "
	10	3	M	2.40 " "
	10	1	M	2.70 " "
	10	1	M	2.80 " "
Average	10	26	M	1.97½ " "
July 1878	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
	10	1	M	2.10 " "
	10	3	M	2.20 " "
	10	3	M	2.40 " "
	10	1	M	2.70 " "
	10	1	M	2.80 " "
Average	10	14	M	2.15 " "
Jan. 1879	10	2	M	1.70 " "
	10	3	M	1.80 " "
	10	1	M	2.00 " "
	10	2	M	2.20 " "
	10	2	M	2.40 " "
	10	1	M	2.60 " "
	10	1	M	2.70 " "
Average	10	12	M	2.13½ " "
July 1879	10	2	M	1.60 " "
	10	2	M	1.70 " "
	10	1	M	1.80 " "
	10	2	M	1.90 " "
	10	1	M	2.00 " "
	10	4	M	2.20 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
Average	10	14	M	2.00⅓ " "
Jan. 1880	10	2	M	1.60 " "
	10	2	M	1.70 " "
	10	2	M	1.80 " "
	10	3	M	1.90 " "
	10	1	M	2.00 " "
	10	1	M	2.10 " "
	10	3	M	2.20 " "
	10	2	M	2.50 " "
	10	1	M	2.60 " "
Average	10	17	M	2.01 " "
July 1880	10	2	M	1.60 " "
	10	3	M	1.70 " "
	10	1	M	1.80 " "
	10	2	M	1.90 " "
	10	4	M	2.00 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	1	M	2.40 " "
	10	2	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.70 " "
Average	10	20	M	2.07 " "
Jan. 1881	10	1	M	1.60 " "
	10	2	M	1.70 " "
	10	1	M	1.80 " "
	10	5	M	1.90 " "
	10	5	M	2.00 " "
	10	1	M	2.10 " "
Jan. 1881–conc'd.	10	1	M	$2.20 per day.
	10	1	M	2.30 " "
	10	2	M	2.40 " "
	10	3	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.80 " "
Average	10	24	M	2.11 " "
July 1881	10	1	M	1.70 " "
	10	1	M	1.90 " "
	10	6	M	2.00 " "
	10	4	M	2.10 " "
	10	2	M	2.20 " "
	10	1	M	2.30 " "
	10	1	M	2.40 " "
	10	2	M	2.50 " "
	10	4	M	2.60 " "
	10	1	M	2.80 " "
Average	10	23	M	2.23 " "
Jan. 1882	10	1	M	1.60 " "
	10	1	M	1.70 " "
	10	4	M	2.00 " "
	10	5	M	2.10 " "
	10	5	M	2.20 " "
	10	1	M	2.30 " "
	10	2	M	2.40 " "
	10	3	M	2.50 " "
	10	4	M	2.60 " "
	10	1	M	3.00 " "
Average	10	27	M	2.25 " "
July 1882	10	1	M	1.80 " "
	10	3	M	2.10 " "
	10	3	M	2.20 " "
	10	2	M	2.30 " "
	10	3	M	2.40 " "
	10	2	M	2.50 " "
	10	6	M	2.60 " "
	10	1	M	3.00 " "
Average	10	21	M	2.38½ " "
Jan. 1883	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	3	M	2.10 " "
	10	3	M	2.20 " "
	10	5	M	2.30 " "
	10	4	M	2.40 " "
	10	2	M	2.50 " "
	10	5	M	2.60 " "
Average	10	24	M	2.32 " "
July 1883	10	2	M	1.90 " "
	10	2	M	2.10 " "
	10	2	M	2.20 " "
	10	2	M	2.30 " "
	10	5	M	2.40 " "
	10	1	M	2.50 " "
	10	5	M	2.60 " "
Average	10	19	M	2.34 " "
Jan. 1884	10	3	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.10 " "
	10	2	M	2.20 " "
	10	3	M	2.30 " "
	10	5	M	2.40 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884–cone'd.	10	1	M	$2.50 per day.
	10	5	M	2.60 " "
Average	10	22	M	2.30½ " "
July 1884	10	2	M	1.90 " "
	10	3	M	2.10 " "
	10	2	M	2.20 " "
	10	3	M	2.30 " "
	10	3	M	2.40 " "
	10	2	M	2.50 " "
	10	6	M	2.60 " "
Average	10	21	M	2.34½ " "
Jan. 1885	10	2	M	1.70 " "
	10	2	M	1.90 " "
	10	2	M	2.00 " "
	10	2	M	2.15 " "
	10	1	M	2.25 " "
	10	5	M	2.35 " "
Average	10	14	M	2.10½ " "
July 1885	10	6	M	1.50 " "
	10	1	M	1.70 " "
	10	3	M	1.80 " "
	10	1	M	1.90 " "
	10	5	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.15 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	4	M	2.35 " "
Average	10	24	M	1.92 " "
Jan. 1886	10	6	M	1.50 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	5	M	1.80 " "
	10	1	M	1.90 " "
	10	8	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.15 " "
	10	1	M	2.25 " "
	10	2	M	2.35 " "
Average	10	27	M	1.87 " "
July 1886	10	2	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.65 " "
	10	2	M	1.70 " "
	10	3	M	1.80 " "
	10	2	M	1.90 " "
	10	7	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.15 " "
	10	3	M	2.20 " "
	10	1	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	2.45 " "
Average	10	28	M	1.95 " "
Jan. 1887	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.65 " "
	10	3	M	1.70 " "
	10	1	M	1.75 " "
	10	3	M	1.80 " "
	10	2	M	1.90 " "
	10	7	M	2.00 " "
	10	1	M	2.15 " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1887–cone'd.	10	5	M	$2.20 per day.
	10	1	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	2.45 " "
Average	10	28	M	1.97 " "
July 1887	10	1	M	1.50 " "
	10	3	M	1.70 " "
	10	1	M	1.75 " "
	10	3	M	1.80 " "
	10	1	M	1.90 " "
	10	7	M	2.00 " "
	10	1	M	2.15 " "
	10	5	M	2.20 " "
	10	1	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	2.45 " "
Average	10	25	M	2.00 " "
Jan. 1888	10	1	M	1.70 " "
	10	4	M	1.80 " "
	10	3	M	1.90 " "
	10	1	M	1.95 " "
	10	4	M	2.00 " "
	10	4	M	2.20 " "
	10	4	M	2.30 " "
	10	1	M	2.45 " "
Average	10	22	M	2.04½ " "
July 1888	10	1	M	1.50 " "
	10	1	M	1.75 " "
	10	2	M	1.80 " "
	10	3	M	1.90 " "
	10	1	M	1.95 " "
	10	5	M	2.00 " "
	10	2	M	2.10 " "
	10	2	M	2.20 " "
	10	1	M	2.25 " "
	10	5	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	2.45 " "
Average	10	25	M	2.07 " "
Jan. 1889	10	1	M	1.70 " "
	10	3	M	1.75 " "
	10	1	M	1.90 " "
	10	1	M	1.95 " "
	10	9	M	2.00 " "
	10	2	M	2.10 " "
	10	2	M	2.15 " "
	10	4	M	2.20 " "
	10	6	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	2.45 " "
Average	10	31	M	2.09 " "
July 1889	10	4	M	1.90 " "
	10	8	M	2.00 " "
	10	5	M	2.10 " "
	10	2	M	2.15 " "
	10	6	M	2.20 " "
	10	4	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	2.45 " "
Average	10	31	M	2.12 " "
Jan. 1890	10	1	M	1.50 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890–conc'd.	10	1	M	$1.80 per day.	Jan. 1891–conc'd.	10	2	M	$1.75 per day.
	10	3	M	1.90 " "		10	2	M	1.80 " "
	10	10	M	2.00 " "		10	1	M	1.85 " "
	10	3	M	2.10 " "		10	1	M	1.90 " "
	10	3	M	2.15 " "		10	5	M	2.00 " "
	10	3	M	2.20 " "		10	9	M	2.10 " "
	10	1	M	2.25 " "		10	1	M	2.15 " "
	10	4	M	2.30 " "		10	4	M	2.20 " "
	10	2	M	2.40 " "		10	1	M	2.25 " "
	10	1	M	2.45 " "		10	3	M	2.30 " "
						10	4	M	2.40 " "
Average	10	34	M	2.07½ " "		10	1	M	2.45 " "
						10	1	M	2.50 " "
July 1890	10	2	M	1.50 " "					
	10	2	M	1.60 " "	Average	10	38	M	2.08 " "
	10	1	M	1.80 " "					
	10	1	M	1.90 " "	July 1891	10	1	M	1.65 " "
	10	5	M	2.00 " "		10	1	M	1.75 " "
	10	8	M	2.10 " "		10	3	M	1.80 " "
	10	2	M	2.15 " "		10	1	M	1.90 " "
	10	4	M	2.20 " "		10	4	M	2.00 " "
	10	2	M	2.25 " "		10	8	M	2.10 " "
	10	3	M	2.30 " "		10	1	M	2.15 " "
	10	4	M	2.40 " "		10	5	M	2.20 " "
	10	1	M	2.45 " "		10	2	M	2.25 " "
	10	1	M	2.50 " "		10	2	M	2.30 " "
						10	4	M	2.40 " "
Average	10	36	M	2.10½ " "		10	1	M	2.45 " "
						10	1	M	2.50 " "
Jan. 1891	10	1	M	1.50 " "					
	10	2	M	1.60 " "	Average	10	34	M	2.12½ " "

MACHINISTS' APPRENTICES.

Jan. 1844	10	1	M	.42 per day.	July 1847	10	1	M	.42 per day.
	10	1	M	.50 " "		10	1	M	.58⅓ " "
	10	1	M	.62½ " "		10	1	M	.66⅔ " "
Average	10	3	M	.51½ " "	Average	10	3	M	.55½ " "
July 1844	10	2	M	.42 " "	Jan. 1848	10	2	M	.42 " "
	10	2	M	.62½ " "		10	1	M	.58⅓ " "
						10	1	M	.66⅔ " "
Average	10	4	M	.52½ " "					
					Average	10	4	M	.52½ " "
Jan. 1845	10	2	M	.41½ " "					
	10	1	M	.42 " "	July 1848	10	2	M	.42 " "
	10	1	M	.62½ " "		10	1	M	.50 " "
						10	1	M	.58⅓ " "
Average	10	4	M	.47 " "		10	1	M	.66⅔ " "
July 1845	10	1	M	.41½ " "	Average	10	5	M	.52 " "
	10	1	M	.42 " "					
	10	1	M	.50 " "	Jan. 1849	10	1	M	.42 " "
						10	2	M	.50 " "
Average	10	3	M	.44½ " "					
					Average	10	3	M	.47⅓ " "
Jan. 1846	10	1	M	.41½ " "					
	10	2	M	.50 " "	July 1849	10	2	M	.42 " "
						10	2	M	.50 " "
Average	10	3	M	.47 " "		10	1	M	.58⅓ " "
July 1846	10	3	M	.50 " "	Average	10	5	M	.48⅓ " "
Jan. 1847	10	1	M	.42 " "	Jan. 1850	10	2	M	.42 " "
	10	1	M	.50 " "		10	1	M	.50 " "
	10	2	M	.58⅓ " "		10	1	M	.58⅓ " "
Average	10	4	M	.52½ " "	Average	10	4	M	.48 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1850	10	1	M	$0.42 per day.
	10	1	M	.50 " "
	10	1	M	.58½ " "
Average	10	3	M	.50 " "
Jan. 1851	10	2	M	.50 " "
	10	1	M	.62½ " "
	10	2	M	.66⅔ " "
Average	10	5	M	.59 " "
July 1851	10	1	M	.42 " "
	10	2	M	.50 " "
	10	1	M	.58½ " "
	10	1	M	.66⅔ " "
Average	10	5	M	.53½ " "
Jan. 1852	10	3	M	.42 " "
	10	2	M	.50 " "
	10	1	M	.58½ " "
	10	1	M	.66⅔ " "
Average	10	7	M	.50 " "
July 1852	10	2	M	.42 " "
	10	2	M	.50 " "
	10	1	M	.58⅓ " "
	10	2	M	.66⅔ " "
Average	10	7	M	.53½ " "
Jan. 1854	10	1	M	.31½ " "
	10	5	M	.42 " "
	10	6	M	.50 " "
	10	3	M	.58⅓ " "
	10	2	M	.66⅔ " "
Average	10	17	M	.50 " "
July 1854	10	1	M	.31½ " "
	10	8	M	.50 " "
	10	5	M	.58⅓ " "
	10	3	M	.66⅔ " "
Average	10	17	M	.54½ " "
Jan. 1855	10	1	M	.41 " "
	10	1	M	.42 " "
	10	4	M	.50 " "
	10	2	M	.58½ " "
Average	10	8	M	.50 " "
July 1855	10	1	M	.41 " "
	10	5	M	.50 " "
	10	4	M	.58⅓ " "
Average	10	10	M	.52½ " "
Jan. 1856	10	3	M	.42 " "
	10	3	M	.50 " "
	10	1	M	.58⅓ " "
	10	4	M	.66⅔ " "
Average	10	11	M	.54½ " "
July 1856	10	3	M	.42 " "
	10	2	M	.50 " "
	10	2	M	.58⅓ " "
	10	5	M	.66⅔ " "
Average	10	12	M	.56⅓ " "
Jan. 1857	10	2	M	$0.42 per day.
	10	1	M	.50 " "
	10	2	M	.58⅓ " "
	10	1	M	.66⅔ " "
Average	10	6	M	.53 " "
July 1857	10	2	M	.50 " "
	10	1	M	.58⅓ " "
	10	3	M	.66⅔ " "
Average	10	6	M	.59½ " "
July 1859	10	2	M	.42 " "
	10	2	M	.66⅔ " "
Average	10	4	M	.54½ " "
Jan. 1860	10	2	M	.42 " "
	10	2	M	.66⅔ " "
Average	10	4	M	.54½ " "
July 1860	10	1	M	.50 " "
	10	1	M	.75 " "
Average	10	2	M	.62½ " "
July 1861	10	1	M	.42 " "
	10	4	M	.50 " "
Average	10	5	M	.48⅓ " "
Jan. 1862	10	1	M	.42 " "
	10	5	M	.50 " "
Average	10	6	M	.48⅓ " "
July 1862	10	1	M	.25 " "
	10	1	M	.42 " "
	10	3	M	.58⅓ " "
	10	1	M	.83 " "
	10	1	M	.87½ " "
Average	10	7	M	.59 " "
Jan. 1863	10	1	M	.25 " "
	10	1	M	.33⅓ " "
	10	1	M	.42 " "
	10	1	M	.50 " "
	10	1	M	.58⅓ " "
	10	1	M	.66⅔ " "
	10	1	M	.83 " "
	10	1	M	.87½ " "
Average	10	8	M	.55½ " "
July 1863	10	2	M	.33⅓ " "
	10	2	M	.42 " "
Average	10	4	M	.37½ " "
Jan. 1864	10	3	M	.33⅓ " "
	10	1	M	.42 " "
	10	1	M	.50 " "
	10	1	M	.62½ " "
	10	1	M	.87½ " "
Average	10	7	M	.49 " "
July 1864	10	1	M	.33⅓ " "
	10	3	M	.42 " "
	10	2	M	.50 " "
	10	2	M	.58⅓ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1864–cone'd.	10	1	M	$0.66½ per day.
	10	1	M	1.00 " "
Average	10	10	M	.54½ " "
Jan. 1865	10	3	M	.50 " "
	10	2	M	.58⅓ " "
	10	1	M	.62½ " "
	10	4	M	.66½ " "
	10	1	M	1.00 " "
Average	10	11	M	.63 " "
July 1865	10	4	M	.50 " "
	10	2	M	.66½ " "
	10	5	M	.75 " "
Average	10	11	M	.64½ " "
Jan. 1866	10	3	M	.50 " "
	10	2	M	.66½ " "
	10	4	M	.75 " "
	10	1	M	.83½ " "
Average	10	10	M	.66½ " "
July 1866	10	1	M	.50 " "
	10	1	M	.58⅓ " "
	10	3	M	.66½ " "
	10	1	M	.75 " "
	10	1	M	.83½ " "
Average	10	7	M	.66½ " "
Jan. 1867	10	2	M	.66½ " "
	10	5	M	.83½ " "
	10	1	M	1.00 " "
Average	10	8	M	.81½ " "
July 1867	10	1	M	.83⅓ " "
	10	7	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	9	M	.99½ " "
Jan. 1868	10	1	M	.50 " "
	10	1	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	4	M	.87½ " "
July 1868	10	2	M	.50 " "
	10	1	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	5	M	.80 " "
Jan. 1869	10	1	M	.60 " "
	10	1	M	.70 " "
	10	1	M	.87½ " "
Average	10	3	M	.72½ " "
July 1869	10	3	M	.50 " "
	10	1	M	.60 " "
	10	1	M	.70 " "
Average	10	5	M	.56 " "
Jan. 1870	10	3	M	.50 " "
	10	1	M	.66½ " "
Jan. 1870–cone'd.	10	1	M	$0.80 per day.
	10	1	M	.90 " "
Average	10	6	M	.64½ " "
July 1870	10	1	M	.50 " "
	10	2	M	.60 " "
	10	4	M	.66½ " "
	10	1	M	1.00 " "
Average	10	8	M	.67 " "
Jan. 1871	10	1	M	.50 " "
	10	4	M	.66½ " "
	10	1	M	.70 " "
	10	1	M	.83½ " "
	10	1	M	1.00 " "
Average	10	8	M	.71 " "
July 1871	10	6	M	.50 " "
	10	2	M	.66½ " "
	10	1	M	.80 " "
	10	2	M	.83½ " "
Average	10	11	M	.62 " "
Jan. 1872	10	11	M	.50 " "
	10	1	M	.60 " "
	10	1	M	.66½ " "
	10	1	M	.80 " "
	10	1	M	.83½ " "
	10	1	M	1.00 " "
Average	10	16	M	.58½ " "
July 1872	10	3	M	.50 " "
	10	4	M	.66½ " "
	10	2	M	.70 " "
	10	1	M	.80 " "
	10	2	M	.83½ " "
Average	10	12	M	.67 " "
Jan. 1873	10	3	M	.50 " "
	10	3	M	.66½ " "
	10	3	M	.70 " "
	10	1	M	.83½ " "
	10	1	M	.90 " "
	10	3	M	1.00 " "
Average	10	14	M	.74 " "
July 1873	10	7	M	.50 " "
	10	2	M	.66½ " "
	10	3	M	.70 " "
	10	2	M	.83½ " "
	10	1	M	.85 " "
	10	3	M	1.00 " "
Average	10	18	M	.69 " "
Jan. 1874	10	5	M	.50 " "
	10	2	M	.60 " "
	10	1	M	.70 " "
	10	11	M	.80 " "
	10	2	M	1.00 " "
Average	10	21	M	.72½ " "
July 1874	10	4	M	.60 " "
	10	1	M	.70 " "
	10	8	M	.80 " "
	10	3	M	1.00 " "
Average	10	16	M	.78 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1875	10	3	M	$0.80 per day.
	10	3	M	1.00 " "
	10	1	M	1.20 " "
Average	10	7	M	.94½ " "
July 1875	10	3	M	.80 " "
	10	3	M	1.00 " "
	10	1	M	1.20 " "
Average	10	7	M	.94½ " "
Jan. 1876	10	3	M	.80 " "
	10	2	M	1.00 " "
Average	10	5	M	.88 " "
July 1876	10	2	M	.50 " "
	10	3	M	1.00 " "
Average	10	5	M	.80 " "
Jan. 1877	10	7	M	.50 " "
	10	3	M	1.00 " "
Average	10	10	M	.65 " "
July 1877	10	4	M	.50 " "
	10	2	M	.60 " "
	10	1	M	.70 " "
Average	10	7	M	.55½ " "
Jan. 1878	10	3	M	.50 " "
	10	7	M	.60 " "
	10	1	M	.70 " "
Average	10	11	M	.58 " "
July 1878	10	1	M	.50 " "
	10	5	M	.60 " "
	10	5	M	.80 " "
Average	10	11	M	.68 " "
Jan. 1879	10	1	M	.50 " "
	10	1	M	.60 " "
	10	3	M	.80 " "
Average	10	5	M	.70 " "
July 1879	10	1	M	.50 " "
	10	3	M	.60 " "
	10	2	M	.80 " "
	10	4	M	1.00 " "
Average	10	10	M	.79 " "
Jan. 1880	10	1	M	.50 " "
	10	1	M	.60 " "
	10	4	M	.80 " "
	10	5	M	1.00 " "
Average	10	11	M	.84½ " "
July 1880	10	2	M	.60 " "
	10	3	M	.80 " "
	10	3	M	1.00 " "
Average	10	8	M	.82½ " "
Jan. 1881	10	6	M	.50 " "
	10	1	M	.60 " "
Jan. 1881—cone'd.	10	1	M	$0.80 per day.
	10	3	M	1.00 " "
Average	10	11	M	.67½ " "
July 1881	10	4	M	.50 " "
	10	2	M	.60 " "
	10	2	M	.80 " "
	10	2	M	1.00 " "
Average	10	10	M	.68 " "
Jan. 1882	10	11	M	.50 " "
	10	4	M	.60 " "
Average	10	15	M	.52½ " "
July 1882	10	5	M	.50 " "
	10	9	M	.60 " "
	10	1	M	.80 " "
Average	10	15	M	.58 " "
Jan. 1883	10	3	M	.50 " "
	10	11	M	.60 " "
	10	3	M	.80 " "
Average	10	17	M	.62 " "
July 1883	10	3	M	.50 " "
	10	6	M	.60 " "
	10	9	M	.80 " "
Average	10	18	M	.68½ " "
Jan. 1884	10	3	M	.50 " "
	10	4	M	.60 " "
	10	10	M	.80 " "
	10	1	M	1.00 " "
Average	10	18	M	.71½ " "
July 1884	10	4	M	.50 " "
	10	5	M	.60 " "
	10	4	M	.80 " "
	10	8	M	1.00 " "
Average	10	21	M	.77 " "
Jan. 1885	10	4	M	.50 " "
	10	3	M	.60 " "
	10	4	M	.80 " "
	10	9	M	.90 " "
Average	10	20	M	.75½ " "
July 1885	10	3	M	.50 " "
	10	5	M	.60 " "
	10	4	M	.80 " "
	10	4	M	.90 " "
Average	10	16	M	.70½ " "
Jan. 1886	10	6	M	.50 " "
	10	4	M	.60 " "
	10	3	M	.80 " "
	10	5	M	.90 " "
Average	10	18	M	.68½ " "
July 1886	10	10	M	.50 " "
	10	3	M	.60 " "
	10	5	M	.80 " "
	10	1	M	.90 " "
Average	10	19	M	.61½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1887	10	8	M	$0.50 per day.	July 1889	10	4	M	$0.50 per day.
	10	6	M	.60 " "		10	4	M	.60 " "
	10	3	M	.80 " "		10	1	M	.70 " "
	10	3	M	.90 " "		10	3	M	.80 " "
						10	4	M	.90 " "
Average	10	20	M	.63½ " "	Average	10	16	M	.69½ " "
July 1887	10	2	M	.50 " "	Jan. 1890	10	3	M	.50 " "
	10	8	M	.60 " "		10	4	M	.60 " "
	10	4	M	.80 " "		10	4	M	.80 " "
	10	3	M	.90 " "		10	6	M	.90 " "
Average	10	17	M	.69 " "	Average	10	17	M	.73½ " "
Jan. 1888	10	3	M	.50 " "	July 1890	10	6	M	.50 " "
	10	6	M	.60 " "		10	4	M	.60 " "
	10	5	M	.80 " "		10	3	M	.80 " "
	10	3	M	.90 " "		10	3	M	.90 " "
Average	10	17	M	.69½ " "	Average	10	16	M	.65½ " "
July 1888	10	4	M	.50 " "	Jan. 1891	10	6	M	.50 " "
	10	3	M	.60 " "		10	3	M	.60 " "
	10	5	M	.80 " "		10	3	M	.80 " "
	10	2	M	.90 " "		10	2	M	.90 " "
Average	10	14	M	.68½ " "	Average	10	14	M	.64½ " "
Jan. 1889	10	4	M	.50 " "	July 1891	10	2	M	.50 " "
	10	3	M	.60 " "		10	6	M	.60 " "
	10	1	M	.70 " "		10	4	M	.80 " "
	10	7	M	.80 " "		10	2	M	.90 " "
	10	3	M	.90 " "					
Average	10	18	M	.71 " "	Average	10	14	M	.68½ " "

MACHINISTS' HELPERS.

Jan. 1843	10	1	M	.75 per day.	Jan. 1850–cone'd.	10	1	M	.62½ per day.
July 1843	10	1	M	.75 " "		10	5	M	.75 " "
Jan. 1844	10	1	M	.62½ " "	Average	10	7	M	.71 " "
	10	2	M	.87½ " "	July 1850	10	1	M	.58⅓ " "
Average	10	3	M	.79 " "		10	1	M	.62½ " "
July 1844	10	1	M	.75 " "		10	1	M	.66⅔ " "
	10	1	M	.87½ " "		10	4	M	.75 " "
						10	1	M	1.00 " "
Average	10	2	M	.81¼ " "	Average	10	8	M	.73½ " "
Jan. 1845	10	2	M	.75 " "	Jan. 1851	10	1	M	.66⅔ " "
July 1845	10	3	M	.75 " "		10	3	M	.75 " "
Jan. 1846	10	1	M	.75 " "	Average	10	4	M	.73 " "
	10	1	M	1.00 " "	July 1851	10	1	M	.66⅔ " "
Average	10	2	M	.87½ " "		10	2	M	.75 " "
						10	1	M	.87½ " "
Jan. 1847	10	1	M	.75 " "	Average	10	4	M	.76 " "
July 1847	10	1	M	.75 " "					
Jan. 1848	10	2	M	.75 " "	Jan. 1852	10	2	M	.75 " "
July 1848	10	5	M	.75 " "		10	3	M	.87½ " "
Jan. 1849	10	6	M	.75 " "	Average	10	5	M	.82½ " "
July 1849	10	1	M	.62½ " "	July 1852	10	3	M	.75 " "
	10	6	M	.75 " "		10	3	M	.87½ " "
						10	1	M	1.00 " "
Average	10	7	M	.73 " "	Average	10	7	M	.84 " "
Jan. 1850	10	1	M	.58⅓ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854	10	2	M	$0.75 per day.
	10	1	M	.87 " "
	10	2	M	1.00 " "
	10	2	M	1.12½ " "
Average	10	7	M	.94½ " "
July 1854	10	2	M	.75 " "
	10	1	M	.87½ " "
	10	2	M	1.00 " "
	10	2	M	1.12½ " "
Average	10	7	M	.94½ " "
Jan. 1855	10	1	M	.75 " "
	10	2	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	6	M	.98 " "
July 1855	10	2	M	.87½ " "
	10	1	M	1.00 " "
	10	3	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	7	M	1.05½ " "
Jan. 1856	10	1	M	.80 " "
	10	2	M	.87½ " "
	10	1	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	7	M	1.00½ " "
July 1856	10	1	M	.80 " "
	10	2	M	.83½ " "
	10	2	M	.87½ " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	8	M	.96½ " "
Jan. 1857	10	1	M	.83½ " "
	10	1	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	5	M	1.06½ " "
July 1857	10	1	M	.83½ " "
	10	1	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	5	M	1.06½ " "
Jan. 1858	10	1	M	1.00 " "
July 1859	10	3	M	.75 " "
	10	2	M	.87½ " "
	10	1	M	1.10 " "
	10	1	M	1.12½ " "
Average	10	7	M	.89 " "
Jan. 1860	10	2	M	.75 " "
	10	4	M	.87½ " "
	10	2	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	9	M	.90½ " "
July 1860	10	1	M	$0.75 per day.
	10	2	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	4	M	.97 " "
July 1866	10	1	M	1.00 " "
Jan. 1867	10	2	M	1.00 " "
July 1867	10	1	M	1.25 " "
Jan. 1868	10	1	M	1.15 " "
	10	1	M	1.25 " "
Average	10	2	M	1.20 " "
July 1868	10	1	M	1.15 " "
	10	1	M	1.25 " "
Average	10	2	M	1.20 " "
Jan. 1869	10	1	M	1.15 " "
	10	1	M	1.25 " "
Average	10	2	M	1.20 " "
July 1869	10	1	M	.90 " "
	10	1	M	1.20 " "
	10	1	M	1.25 " "
	10	1	M	1.30 " "
Average	10	4	M	1.16½ " "
Jan. 1870	10	1	M	.90 " "
	10	2	M	1.20 " "
	10	1	M	1.30 " "
Average	10	4	M	1.15 " "
July 1870	10	1	M	1.10 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
Average	10	3	M	1.20 " "
Jan. 1871	10	1	M	1.30 " "
Jan. 1872	10	1	M	1.10 " "
Jan. 1873	10	1	M	1.50 " "
July 1874	10	2	M	1.00 " "
	10	1	M	1.20 " "
Average	10	3	M	1.06½ " "
July 1875	10	1	M	1.20 " "
July 1876	10	1	M	1.00 " "
	10	1	M	1.20 " "
	10	3	M	1.50 " "
Average	10	5	M	1.34 " "
Jan. 1877	10	1	M	1.40 " "
	10	3	M	1.50 " "
Average	10	4	M	1.47½ " "
July 1877	10	2	M	1.40 " "
	10	3	M	1.50 " "
Average	10	5	M	1.46 " "
Jan. 1878	10	4	M	1.50 " "
July 1878	10	2	M	1.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1879	10	1	M	$1.30 per day.	Jan. 1886	10	1	M	$1.00 per day.
	10	1	M	1.50 " "		10	1	M	1.50 " "
Average	10	2	M	1.40 " "	Average	10	2	M	1.25 " "
July 1879	10	1	M	1.20 " "	July 1886	10	1	M	1.00 " "
	10	1	M	1.30 " "		10	1	M	1.15 " "
	10	1	M	1.50 " "					
Average	10	3	M	1.33½ " "	Average	10	2	M	1.07½ " "
Jan. 1880	10	1	M	1.00 " "	Jan. 1887	10	1	M	1.15 " "
	10	1	M	1.20 " "		10	1	M	1.35 " "
	10	2	M	1.30 " "					
	10	1	M	1.50 " "	Average	10	2	M	1.25 " "
Average	10	5	M	1.26 " "	July 1887	10	1	M	1.20 " "
July 1880	10	1	M	1.30 " "		10	1	M	1.35 " "
	10	1	M	1.40 " "					
Average	10	2	M	1.35 " "	Average	10	2	M	1.27½ " "
Jan. 1881	10	1	M	1.20 " "	Jan. 1888	10	1	M	1.30 " "
	10	2	M	1.30 " "	July 1888	10	1	M	1.25 " "
						10	1	M	1.50 " "
Average	10	3	M	1.26½ " "	Average	10	2	M	1.37½ " "
July 1881	10	1	M	1.30 " "					
	10	1	M	1.40 " "	Jan. 1889	10	1	M	1.25 " "
	10	1	M	1.50 " "		10	1	M	1.50 " "
Average	10	3	M	1.40 " "	Average	10	2	M	1.37½ " "
Jan. 1882	10	1	M	1.30 " "					
	10	1	M	1.40 " "	July 1889	10	1	M	1.10 " "
	10	1	M	1.50 " "		10	1	M	1.35 " "
						10	1	M	1.50 " "
Average	10	3	M	1.40 " "	Average	10	3	M	1.31½ " "
July 1882	10	1	M	1.30 " "	Jan. 1890	10	1	M	1.20 " "
	10	1	M	1.40 " "		10	2	M	1.50 " "
	10	1	M	1.50 " "					
Average	10	3	M	1.40 " "	Average	10	3	M	1.40 " "
Jan. 1883	10	1	M	1.40 " "	July 1890	10	2	M	1.25 " "
	10	1	M	1.50 " "		10	1	M	1.50 " "
Average	10	2	M	1.45 " "	Average	10	3	M	1.33½ " "
July 1883	10	1	M	1.50 " "	Jan. 1891	10	1	M	1.00 " "
Jan. 1884	10	1	M	1.50 " "		10	1	M	1.30 " "
						10	2	M	1.35 " "
July 1884	10	1	M	1.30 " "		10	1	M	1.50 " "
	10	1	M	1.50 " "					
Average	10	2	M	1.40 " "	Average	10	5	M	1.30 " "
Jan. 1885	10	2	M	1.35 " "	July 1891	10	1	M	1.20 " "
						10	1	M	1.30 " "
						10	2	M	1.35 " "
July 1885	10	1	M	1.35 " "		10	1	M	1.50 " "
	10	1	M	1.50 " "		10	1	M	1.60 " "
Average	10	2	M	1.42½ " "	Average	10	6	M	1.38½ " "

MOULDERS.

Jan. 1843	10	1	M	.87½ per day.	July 1843	10	1	M	1.00 per day.
	10	1	M	1.25 " "		10	1	M	1.25 " "
	10	1	M	1.33 " "		10	1	M	1.33 " "
Average	10	3	M	1.15 " "	Average	10	3	M	1.19½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1844	10	1	M	$1.00 per day.	July 1850	10	2	M	$1.00 per day.
	10	3	M	1.25 " "		10	4	M	1.25 " "
						10	3	M	1.37½ " "
Average	10	4	M	1.18½ " "	Average	10	9	M	1.23½ " "
July 1844	10	1	M	1.00 " "	Jan. 1851	10	2	M	1.00 " "
	10	5	M	1.25 " "		10	5	M	1.25 " "
	10	1	M	1.37½ " "		10	2	M	1.37½ " "
						10	1	M	1.50 " "
Average	10	7	M	1.23 " "		10	1	M	1.62½ " "
Jan. 1845	10	1	M	1.00 " "					
	10	1	M	1.12½ " "	Average	10	11	M	1.28½ " "
	10	5	M	1.25 " "					
	10	1	M	1.37½ " "	July 1851	10	1	M	1.00 " "
						10	2	M	1.25 " "
Average	10	8	M	1.22 " "		10	2	M	1.37½ " "
						10	2	M	1.50 " "
July 1845	10	2	M	1.12½ " "		10	1	M	1.62½ " "
	10	6	M	1.25 " "					
	10	2	M	1.50 " "	Average	10	8	M	1.36 " "
Average	10	10	M	1.27½ " "	Jan. 1852	10	1	M	1.00 " "
						10	1	M	1.12½ " "
Jan. 1846	10	1	M	1.00 " "		10	5	M	1.25 " "
	10	4	M	1.25 " "		10	2	M	1.37½ " "
	10	2	M	1.50 " "		10	4	M	1.50 " "
Average	10	7	M	1.28½ " "		10	1	M	1.62½ " "
July 1846	10	1	M	1.00 " "	Average	10	14	M	1.34 " "
	10	4	M	1.25 " "					
	10	2	M	1.50 " "	July 1852	10	1	M	1.00 " "
						10	1	M	1.12½ " "
Average	10	7	M	1.28½ " "		10	4	M	1.25 " "
						10	3	M	1.37½ " "
Jan. 1847	10	1	M	1.00 " "		10	4	M	1.50 " "
	10	2	M	1.25 " "		10	2	M	1.62½ " "
	10	1	M	1.37 " "					
					Average	10	15	M	1.36½ " "
Average	10	4	M	1.21½ " "					
					Jan. 1854	10	1	M	1.00 " "
July 1847	10	1	M	1.00 " "		10	1	M	1.12½ " "
	10	2	M	1.25 " "		10	5	M	1.25 " "
	10	3	M	1.37½ " "		10	6	M	1.50 " "
						10	2	M	1.75 " "
Average	10	6	M	1.27 " "					
					Average	10	15	M	1.39 " "
Jan. 1848	10	4	M	1.25 " "					
	10	3	M	1.37½ " "	July 1854	10	1	M	1.12½ " "
	10	1	M	1.50 " "		10	5	M	1.25 " "
						10	2	M	1.37½ " "
Average	10	8	M	1.33 " "		10	5	M	1.50 " "
						10	2	M	1.62 " "
July 1848	10	3	M	1.25 " "		10	2	M	1.75 " "
	10	4	M	1.37½ " "					
	10	1	M	1.50 " "	Average	10	17	M	1.43½ " "
Average	10	8	M	1.34½ " "	Jan. 1855	10	2	M	1.12½ " "
						10	5	M	1.25 " "
Jan. 1849	10	4	M	1.25 " "		10	2	M	1.37½ " "
	10	4	M	1.37½ " "		10	7	M	1.50 " "
	10	1	M	1.50 " "		10	3	M	1.75 " "
Average	10	9	M	1.33½ " "	Average	10	19	M	1.42 " "
July 1849	10	4	M	1.25 " "	July 1855	10	2	M	1.12½ " "
	10	4	M	1.37½ " "		10	6	M	1.25 " "
						10	2	M	1.37½ " "
Average	10	8	M	1.31½ " "		10	8	M	1.50 " "
Jan. 1850	10	3	M	1.25 " "		10	1	M	1.62½ " "
	10	2	M	1.37½ " "		10	3	M	1.75 " "
Average	10	5	M	1.30 " "	Average	10	22	M	1.42½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1856	10	1	M	$1.12½ per day.
	10	5	M	1.25 " "
	10	3	M	1.37½ " "
	10	3	M	1.50 " "
	10	2	M	1.62½ " "
	10	4	M	1.75 " "
	10	1	M	2.00 " "
Average	10	19	M	1.48½ " "
July 1856	10	3	M	1.25 " "
	10	1	M	1.37½ " "
	10	6	M	1.50 " "
	10	2	M	1.62½ " "
	10	3	M	1.75 " "
	10	2	M	2.00 " "
Average	10	17	M	1.56½ " "
Jan. 1857	10	2	M	1.25 " "
	10	5	M	1.50 " "
	10	1	M	1.62½ " "
	10	3	M	1.75 " "
	10	1	M	2.00 " "
Average	10	12	M	1.57½ " "
July 1857	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	3	M	1.62½ " "
	10	3	M	1.75 " "
	10	1	M	2.00 " "
Average	10	10	M	1.63½ " "
Jan. 1858	10	2	M	1.00 " "
	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	9	M	1.54 " "
July 1858	10	1	M	1.00 " "
	10	1	M	1.50 " "
	10	3	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	8	M	1.61 " "
July 1859	10	3	M	1.12½ " "
	10	2	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
Average	10	8	M	1.28 " "
Jan. 1860	10	3	M	1.12½ " "
	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	3	M	1.50 " "
Average	10	8	M	1.31½ " "
July 1860	10	2	M	1.25 " "
	10	5	M	1.50 " "
	10	2	M	1.62½ " "
	10	2	M	1.75 " "
Average	10	11	M	1.52½ " "
July 1861	10	1	M	1.12½ " "
	10	1	M	1.25 " "
	10	4	M	1.50 " "
July 1861—cone'd.	10	2	M	$1.62½ per day.
	10	3	M	1.75 " "
Average	10	11	M	1.53½ " "
Jan. 1862	10	1	M	1.12½ " "
	10	1	M	1.25 " "
	10	4	M	1.50 " "
	10	2	M	1.62½ " "
	10	3	M	1.75 " "
Average	10	11	M	1.53½ " "
July 1862	10	4	M	1.25 " "
	10	2	M	1.37½ " "
	10	3	M	1.50 " "
	10	4	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	16	M	1.51½ " "
Jan. 1863	10	2	M	1.25 " "
	10	3	M	1.37½ " "
	10	2	M	1.50 " "
	10	3	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
Average	10	13	M	1.54 " "
July 1863	10	7	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	5	M	1.62½ " "
	10	3	M	1.75 " "
	10	4	M	2.00 " "
	10	1	M	2.25 " "
Average	10	23	M	1.60 " "
Jan. 1864	10	7	M	1.25 " "
	10	1	M	1.37½ " "
	10	3	M	1.50 " "
	10	2	M	1.62½ " "
	10	3	M	1.75 " "
	10	2	M	1.87½ " "
	10	2	M	2.00 " "
	10	1	M	2.12½ " "
	10	2	M	2.25 " "
Average	10	23	M	1.62 " "
July 1864	10	7	M	1.37½ " "
	10	12	M	1.50 " "
	10	2	M	1.62½ " "
	10	3	M	1.75 " "
	10	3	M	1.87½ " "
	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.37½ " "
	10	3	M	2.50 " "
	10	3	M	2.62½ " "
Average	10	39	M	1.80 " "
Jan. 1865	10	8	M	1.50 " "
	10	9	M	1.62½ " "
	10	5	M	1.75 " "
	10	3	M	1.87½ " "
	10	2	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	3	M	2.37½ " "
	10	3	M	2.50 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865–cone'd.	10	1	M	$2.62½ per day.
	10	3	M	2.75 " "
	10	2	M	2.87½ " "
Average	10	41	M	1.96½ " "
July 1865	10	10	M	1.50 " "
	10	1	M	1.62½ " "
	10	5	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	3	M	2.25 " "
	10	2	M	2.37½ " "
	10	1	M	2.50 " "
	10	3	M	2.62½ " "
	10	1	M	2.75 " "
Average	10	29	M	1.93 " "
Jan. 1866	10	1	M	1.37½ " "
	10	7	M	1.50 " "
	10	8	M	1.62½ " "
	10	4	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.00 " "
	10	2	M	2.25 " "
	10	2	M	2.37½ " "
	10	4	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.87½ " "
	10	1	M	3.00 " "
Average	10	35	M	1.95½ " "
July 1866	10	4	M	1.50 " "
	10	7	M	1.62½ " "
	10	5	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	2	M	2.50 " "
	10	1	M	2.75 " "
	10	2	M	3.00 " "
	10	1	M	3.33½ " "
Average	10	26	M	1.99½ " "
Jan. 1867	10	4	M	1.50 " "
	10	7	M	1.62½ " "
	10	4	M	1.75 " "
	10	2	M	1.87½ " "
	10	1	M	2.12½ " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	1	M	2.87½ " "
	10	2	M	3.00 " "
	10	1	M	3.33½ " "
Average	10	24	M	1.98½ " "
July 1867	10	10	M	1.50 " "
	10	1	M	1.60 " "
	10	4	M	1.62½ " "
	10	1	M	1.70 " "
	10	5	M	1.75 " "
	10	2	M	1.87½ " "
	10	1	M	2.12½ " "
	10	1	M	2.30 " "
	10	1	M	2.50 " "
	10	2	M	2.60 " "
	10	1	M	2.62½ " "
	10	1	M	2.87½ " "
	10	1	M	3.00 " "
July 1867–cone'd.	10	2	M	$3.20 per day.
	10	1	M	3.33½ " "
Average	10	34	M	1.99 " "
Jan. 1868	10	9	M	1.50 " "
	10	3	M	1.60 " "
	10	1	M	1.62½ " "
	10	2	M	1.65 " "
	10	1	M	1.70 " "
	10	4	M	1.75 " "
	10	1	M	2.00 " "
	10	5	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.20 " "
	10	1	M	3.33½ " "
Average	10	29	M	1.93 " "
July 1868	10	5	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.62½ " "
	10	4	M	1.75 " "
	10	2	M	1.80 " "
	10	2	M	2.00 " "
	10	3	M	2.50 " "
	10	1	M	3.00 " "
	10	1	M	3.20 " "
	10	1	M	3.33½ " "
Average	10	22	M	2.00 " "
Jan. 1869	10	3	M	1.50 " "
	10	2	M	1.60 " "
	10	4	M	1.62½ " "
	10	1	M	1.70 " "
	10	5	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
	10	1	M	3.20 " "
	10	1	M	3.33½ " "
Average	10	26	M	2.02½ " "
July 1869	10	4	M	1.50 " "
	10	1	M	1.60 " "
	10	3	M	1.62½ " "
	10	1	M	1.65 " "
	10	1	M	1.70 " "
	10	5	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
	10	2	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
	10	2	M	2.70 " "
	10	2	M	2.75 " "
	10	1	M	2.90 " "
	10	1	M	3.00 " "
	10	1	M	3.20 " "
	10	1	M	3.33½ " "
Average	10	29	M	2.11½ " "
Jan. 1870	10	5	M	1.50 " "
	10	2	M	1.60 " "
	10	2	M	1.65 " "
	10	1	M	1.75 " "
	10	1	M	1.77½ " "
	10	1	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1870—conc'd.	10	2	M	$2.10 per day.
	10	3	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	2.80 " "
	10	1	M	3.00 " "
	10	1	M	3.33½ " "
Average	10	22	M	2.05½ " "
July 1870	10	1	M	1.50 " "
	10	1	M	1.65 " "
	10	4	M	1.70 " "
	10	2	M	1.75 " "
	10	4	M	1.80 " "
	10	1	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.25 " "
	10	1	M	2.40 " "
	10	2	M	2.50 " "
	10	1	M	2.55 " "
	10	1	M	2.70 " "
	10	1	M	2.80 " "
	10	2	M	3.00 " "
	10	1	M	3.33½ " "
Average	10	25	M	2.15½ " "
Jan. 1871	10	3	M	1.50 " "
	10	1	M	1.65 " "
	10	3	M	1.70 " "
	10	3	M	1.75 " "
	10	3	M	1.80 " "
	10	2	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	2.75 " "
	10	1	M	2.80 " "
	10	2	M	3.00 " "
Average	10	23	M	2.05½ " "
July 1871	10	3	M	1.50 " "
	10	2	M	1.65 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	2	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	2	M	2.70 " "
	10	1	M	2.75 " "
	10	1	M	2.80 " "
	10	2	M	3.00 " "
Average	10	20	M	2.10½ " "
Jan. 1872	10	2	M	1.50 " "
	10	1	M	1.65 " "
	10	1	M	1.75 " "
	10	1	M	1.80 " "
	10	3	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.70 " "
	10	1	M	2.80 " "
	10	1	M	2.90 " "
	10	2	M	3.00 " "
	10	1	M	3.60 " "
Average	10	15	M	2.28½ " "
July 1872	10	1	M	1.50 " "
	10	1	M	1.60 " "
July 1872—conc'd.	10	2	M	$1.65 per day.
	10	1	M	1.70 " "
	10	3	M	1.75 " "
	10	2	M	1.80 " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	2.70 " "
	10	2	M	2.75 " "
	10	1	M	2.90 " "
	10	3	M	3.00 " "
	10	1	M	3.60 " "
Average	10	24	M	2.25½ " "
Jan. 1873	10	1	M	1.60 " "
	10	1	M	1.62½ " "
	10	4	M	1.65 " "
	10	1	M	1.70 " "
	10	4	M	1.75 " "
	10	1	M	1.85 " "
	10	3	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	3	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.75 " "
	10	4	M	3.00 " "
Average	10	26	M	2.10½ " "
July 1873	10	4	M	1.65 " "
	10	8	M	1.75 " "
	10	2	M	1.80 " "
	10	2	M	2.00 " "
	10	3	M	2.25 " "
	10	1	M	2.40 " "
	10	3	M	2.50 " "
	10	2	M	2.75 " "
	10	4	M	3.00 " "
	10	1	M	3.70 " "
Average	10	30	M	2.20 " "
Jan. 1874	10	3	M	1.50 " "
	10	9	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	1	M	2.50 " "
	10	3	M	2.80 " "
	10	1	M	3.40 " "
Average	10	22	M	1.98½ " "
July 1874	10	1	M	1.50 " "
	10	11	M	1.60 " "
	10	2	M	1.70 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	7	M	2.50 " "
	10	3	M	2.80 " "
	10	1	M	3.40 " "
Average	10	27	M	2.07½ " "
Jan. 1875	10	10	M	1.60 " "
	10	3	M	1.70 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	5	M	2.50 " "
	10	3	M	2.80 " "
	10	1	M	3.40 " "
Average	10	24	M	2.06½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10	5	M	$1.50 per day.
	10	4	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	6	M	2.50 " "
	10	3	M	2.80 " "
	10	1	M	3.40 " "
Average	10	26	M	2.12 " "
Jan. 1876	10	5	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	1	M	2.10 " "
	10	1	M	2.30 " "
	10	1	M	2.33½ " "
	10	3	M	2.40 " "
	10	1	M	2.50 " "
	10	3	M	2.60 " "
	10	1	M	3.20 " "
Average	10	21	M	2.07½ " "
July 1876	10	4	M	1.50 " "
	10	3	M	1.60 " "
	10	1	M	1.70 " "
	10	2	M	1.80 " "
	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
	10	1	M	2.33½ " "
	10	3	M	2.40 " "
	10	3	M	2.60 " "
	10	1	M	3.20 " "
Average	10	24	M	2.04½ " "
Jan. 1877	10	3	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	2	M	1.80 " "
	10	1	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
	10	1	M	2.33½ " "
	10	2	M	2.40 " "
	10	3	M	2.60 " "
	10	1	M	3.20 " "
Average	10	19	M	2.09 " "
July 1877	10	3	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	2	M	1.80 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	1	M	2.33½ " "
	10	1	M	2.40 " "
	10	3	M	2.60 " "
	10	1	M	3.20 " "
Average	10	18	M	2.09 " "
Jan. 1878	10	3	M	1.50 " "
	10	2	M	1.60 " "
Jan. 1878—concl'd.	10	1	M	$1.70 per day.
	10	2	M	1.80 " "
	10	1	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	1	M	2.33½ " "
	10	1	M	2.40 " "
	10	3	M	2.60 " "
	10	1	M	3.20 " "
Average	10	19	M	2.08½ " "
July 1878	10	3	M	1.50 " "
	10	3	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.80 " "
	10	1	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	1	M	2.33½ " "
	10	1	M	2.40 " "
	10	3	M	2.60 " "
	10	1	M	3.20 " "
Average	10	19	M	2.07½ " "
Jan. 1879	10	1	M	1.40 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.10 " "
	10	2	M	2.30 " "
	10	1	M	2.33½ " "
	10	1	M	3.00 " "
Average	10	12	M	2.02 " "
July 1879	10	1	M	1.40 " "
	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.70 " "
	10	2	M	1.80 " "
	10	1	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.20 " "
	10	3	M	2.30 " "
	10	1	M	2.33½ " "
	10	1	M	2.40 " "
	10	1	M	3.00 " "
Average	10	18	M	2.02½ " "
Jan. 1880	10	3	M	1.40 " "
	10	5	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.70 " "
	10	2	M	1.80 " "
	10	3	M	2.00 " "
	10	2	M	2.10 " "
	10	2	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	3.00 " "
Average	10	22	M	1.84 " "
July 1880	10	1	M	1.40 " "
	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	3	M	1.70 " "
	10	3	M	1.80 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880–conc'd.	10	4	M	$1.90 per day.
	10	2	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	22	M	1.93 " "
Jan. 1881	10	3	M	1.50 " "
	10	3	M	1.60 " "
	10	3	M	1.70 " "
	10	4	M	1.80 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	25	M	1.93 " "
July 1881	10	3	M	1.50 " "
	10	1	M	1.60 " "
	10	5	M	1.80 " "
	10	4	M	1.90 " "
	10	4	M	2.00 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	3	M	2.40 " "
	10	1	M	3.00 " "
Average	10	25	M	1.99 " "
Jan. 1882	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.80 " "
	10	2	M	1.90 " "
	10	7	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	21	M	2.06½ " "
July 1882	10	1	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.80 " "
	10	1	M	1.90 " "
	10	6	M	2.00 " "
	10	2	M	2.10 " "
	10	4	M	2.20 " "
	10	2	M	2.30 " "
	10	4	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	27	M	2.13 " "
Jan. 1883	10	2	M	1.50 " "
	10	2	M	1.60 " "
	10	2	M	1.70 " "
	10	6	M	2.00 " "
	10	1	M	2.10 " "
	10	4	M	2.20 " "
	10	2	M	2.30 " "
Jan. 1883–conc'd.	10	4	M	$2.40 per day.
	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	26	M	2.11 " "
July 1883	10	2	M	1.50 " "
	10	2	M	1.60 " "
	10	2	M	1.70 " "
	10	5	M	2.00 " "
	10	2	M	2.10 " "
	10	4	M	2.20 " "
	10	2	M	2.30 " "
	10	4	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	26	M	2.11½ " "
Jan. 1884	10	1	M	1.50 " "
	10	4	M	1.60 " "
	10	1	M	1.70 " "
	10	3	M	2.00 " "
	10	1	M	2.10 " "
	10	4	M	2.20 " "
	10	2	M	2.30 " "
	10	3	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	22	M	2.11½ " "
July 1884	10	2	M	1.50 " "
	10	3	M	1.60 " "
	10	2	M	1.70 " "
	10	1	M	1.80 " "
	10	3	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.10 " "
	10	4	M	2.20 " "
	10	1	M	2.30 " "
	10	3	M	2.40 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	3.00 " "
Average	10	24	M	2.07 " "
Jan. 1885	10	2	M	1.55 " "
	10	3	M	1.80 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.10 " "
	10	3	M	2.15 " "
	10	1	M	2.25 " "
	10	1	M	2.45 " "
	10	1	M	2.70 " "
Average	10	17	M	2.02½ " "
July 1885	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	1	M	1.55 " "
	10	3	M	1.80 " "
	10	1	M	1.90 " "
	10	4	M	2.00 " "
	10	1	M	2.05 " "
	10	2	M	2.10 " "
	10	3	M	2.15 " "
	10	1	M	2.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1885–	10	1	M	$2.50 per day.
conc'd.	10	1	M	2.70 " "
Average	10	21	M	1.96½ " "
Jan. 1886	10	3	M	1.40 " "
	10	1	M	1.45 " "
	10	3	M	1.50 " "
	10	2	M	1.65 " "
	10	5	M	1.80 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.05 " "
	10	2	M	2.10 " "
	10	3	M	2.15 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
Average	10	28	M	1.87 " "
July 1886	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.65 " "
	10	10	M	1.70 " "
	10	4	M	1.80 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.10 " "
	10	2	M	2.15 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
Average	10	30	M	1.88 " "
Jan. 1887	10	2	M	1.50 " "
	10	9	M	1.70 " "
	10	3	M	1.80 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.10 " "
	10	2	M	2.15 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.70 " "
Average	10	26	M	1.89 " "
July 1887	10	1	M	1.50 " "
	10	4	M	1.70 " "
	10	1	M	1.75 " "
	10	5	M	1.80 " "
	10	2	M	1.90 " "
	10	3	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.10 " "
	10	1	M	2.15 " "
	10	2	M	2.35 " "
	10	3	M	2.50 " "
Average	10	24	M	1.97½ " "
Jan. 1888	10	3	M	1.70 " "
	10	1	M	1.75 " "
	10	2	M	1.80 " "
	10	1	M	1.90 " "
	10	9	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
Jan. 1888–	10	2	M	$2.50 per day.
conc'd.	10	1	M	3.00 " "
Average	10	22	M	2.04 " "
July 1888	10	2	M	1.70 " "
	10	1	M	1.75 " "
	10	4	M	1.90 " "
	10	9	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	3.00 " "
Average	10	25	M	2.09 " "
Jan. 1889	10	2	M	1.70 " "
	10	1	M	1.75 " "
	10	3	M	1.90 " "
	10	9	M	2.00 " "
	10	1	M	2.05 " "
	10	1	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	23	M	2.08 " "
July 1889	10	1	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	1	M	1.90 " "
	10	10	M	2.00 " "
	10	1	M	2.10 " "
	10	2	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.50 " "
	10	1	M	3.00 " "
Average	10	23	M	2.06½ " "
Jan. 1890	10	1	M	1.50 " "
	10	2	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
	10	10	M	2.00 " "
	10	2	M	2.10 " "
	10	2	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.35 " "
	10	2	M	2.50 " "
Average	10	23	M	2.01½ " "
July 1890	10	2	M	1.50 " "
	10	1	M	1.60 " "
	10	2	M	1.70 " "
	10	2	M	1.80 " "
	10	1	M	1.90 " "
	10	11	M	2.00 " "
	10	3	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
	10	2	M	2.35 " "
	10	2	M	2.50 " "
Average	10	28	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1891	10	2	M	$1.50 per day.	July 1891	10	2	M	$1.50 per day.
	10	2	M	1.70 " "		10	2	M	1.70 " "
	10	1	M	1.80 " "		10	1	M	1.80 " "
	10	13	M	2.00 " "		10	11	M	2.00 " "
	10	4	M	2.10 " "		10	4	M	2.10 " "
	10	1	M	2.20 " "		10	1	M	2.20 " "
	10	1	M	2.30 " "		10	1	M	2.30 " "
	10	1	M	2.35 " "		10	1	M	2.35 " "
	10	1	M	2.40 " "		10	2	M	2.40 " "
	10	1	M	2.50 " "		10	1	M	2.60 " "
	10	1	M	2.60 " "					
Average	10	28	M	2.03½ " "	Average	10	26	M	2.03½ " "

MOULDERS' APPRENTICES.

Jan. 1843	10	1	M	.42 per day.	July 1848–cont'd.	10	1	M	.58½ per day.
July 1843	10	1	M	.42 " "		10	1	M	.66⅔ " "
Jan. 1844	10	2	M	.42 " "	Average	10	6	M	.50 " "
	10	1	M	.50 " "					
Average	10	3	M	.44⅓ " "	Jan. 1849	10	1	M	.42 " "
						10	3	M	.50 " "
July 1844	10	1	M	.42 " "		10	1	M	.66½ " "
	10	2	M	.50 " "	Average	10	5	M	.51½ " "
Average	10	3	M	.47½ " "					
					July 1849	10	5	M	.50 " "
Jan. 1845	10	1	M	.42 " "	Jan. 1850	10	4	M	.50 " "
	10	2	M	.50 " "					
Average	10	3	M	.47½ " "	July 1850	10	2	M	.50 " "
						10	2	M	.58½ " "
July 1845	10	1	M	.33⅓ " "	Average	10	4	M	.54½ " "
	10	1	M	.50 " "					
	10	1	M	.58⅓ " "	Jan. 1851	10	1	M	.42 " "
	10	1	M	.62½ " "		10	1	M	.58½ " "
						10	1	M	.62½ " "
Average	10	4	M	.51 " "	Average	10	3	M	.54½ " "
Jan. 1846	10	1	M	.42 " "					
	10	1	M	.50 " "	July 1851	10	7	M	.42 " "
	10	1	M	.58½ " "		10	2	M	.66½ " "
	10	1	M	.62½ " "	Average	10	9	M	.47½ " "
Average	10	4	M	.53½ " "					
					Jan. 1852	10	8	M	.42 " "
July 1846	10	1	M	.42 " "		10	1	M	.50 " "
	10	1	M	.50 " "	Average	10	9	M	.43 " "
	10	1	M	.58½ " "					
	10	1	M	.62½ " "	July 1852	10	8	M	.42 " "
Average	10	4	M	.53½ " "		10	3	M	.50 " "
					Average	10	11	M	.44 " "
Jan. 1847	10	2	M	.50 " "					
	10	1	M	.66⅔ " "	Jan. 1854	10	6	M	.42 " "
Average	10	3	M	.55½ " "		10	5	M	.50 " "
						10	2	M	.58½ " "
July 1847	10	2	M	.42 " "		10	1	M	.62 " "
	10	1	M	.50 " "		10	1	M	.66½ " "
	10	1	M	.58½ " "	Average	10	15	M	.50 " "
Average	10	4	M	.48 " "					
					July 1854	10	5	M	.42 " "
Jan. 1848	10	2	M	.42 " "		10	5	M	.50 " "
	10	2	M	.58½ " "		10	2	M	.58½ " "
Average	10	4	M	.50½ " "		10	1	M	.62 " "
						10	2	M	.66½ " "
July 1848	10	3	M	.42 " "					
	10	1	M	.50 " "	Average	10	15	M	.51½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1855	10	1	M	$0.41 per day.
	10	4	M	.50 " "
	10	4	M	.58½ " "
	10	1	M	.62½ " "
	10	2	M	.66½ " "
Average	10	12	M	.56 " "
July 1855	10	1	M	.50 " "
	10	8	M	.58½ " "
	10	2	M	.66½ " "
Average	10	11	M	.59 " "
Jan. 1856	10	2	M	.50 " "
	10	4	M	.58½ " "
	10	3	M	.66½ " "
Average	10	9	M	.59½ " "
July 1856	10	3	M	.58½ " "
	10	5	M	.66½ " "
Average	10	8	M	.63½ " "
Jan. 1857	10	2	M	.58½ " "
	10	3	M	.66⅔ " "
Average	10	5	M	.63½ " "
July 1857	10	1	M	.50 " "
	10	3	M	.66½ " "
Average	10	4	M	.62½ " "
Jan. 1858	10	3	M	.66½ " "
July 1858	10	2	M	.66½ " "
July 1859	10	2	M	.50 " "
Jan. 1860	10	2	M	.50 " "
July 1860	10	1	M	.62½ " "
July 1861	10	2	M	.42 " "
Jan. 1862	10	2	M	.42 " "
July 1862	10	2	M	.58½ " "
Jan. 1863	10	1	M	.58½ " "
July 1863	10	1	M	.42 " "
	10	2	M	.50 " "
	10	1	M	.83 " "
Average	10	4	M	.56½ " "
Jan. 1864	10	1	M	.33½ " "
	10	2	M	.42 " "
	10	2	M	.50 " "
	10	1	M	1.00 " "
Average	10	6	M	.53 " "
July 1864	10	1	M	.50 " "
	10	1	M	.58½ " "
	10	3	M	.66⅔ " "
	10	1	M	.80 " "
Average	10	6	M	.64½ " "
Jan. 1865	10	1	M	.66⅔ " "
	10	2	M	.75 " "
	10	1	M	.80 " "
Average	10	4	M	.74 " "
July 1865	10	1	M	.66⅔ " "
	10	1	M	.90 " "
Average	10	2	M	.78½ " "
Jan. 1866	10	1	M	$0.42 per day.
July 1866	10	1	M	.42 " "
	10	1	M	.50 " "
	10	1	M	.53 " "
Average	10	3	M	.48½ " "
Jan. 1867	10	1	M	.42 " "
	10	2	M	.50 " "
	10	1	M	.53 " "
Average	10	4	M	.48½ " "
July 1867	10	1	M	.40 " "
	10	2	M	.50 " "
	10	1	M	.60 " "
Average	10	4	M	.50 " "
Jan. 1868	10	2	M	.40 " "
	10	2	M	.60 " "
	10	1	M	.70 " "
Average	10	5	M	.54 " "
July 1868	10	1	M	.50 " "
	10	1	M	.60 " "
	10	2	M	.66⅔ " "
	10	1	M	.80 " "
Average	10	5	M	.64½ " "
Jan. 1869	10	1	M	.50 " "
	10	1	M	.60 " "
	10	1	M	.66⅔ " "
	10	1	M	.70 " "
	10	1	M	.85 " "
Average	10	5	M	.66½ " "
July 1869	10	1	M	.50 " "
	10	2	M	.60 " "
	10	1	M	.70 " "
	10	2	M	.80 " "
	10	1	M	1.00 " "
Average	10	7	M	.71½ " "
Jan. 1870	10	1	M	.35 " "
	10	1	M	.50 " "
	10	2	M	.60 " "
	10	2	M	.80 " "
	10	1	M	1.00 " "
Average	10	7	M	.66⅔ " "
July 1870	10	1	M	.45 " "
	10	1	M	.60 " "
	10	2	M	.80 " "
Average	10	4	M	.66½ " "
Jan. 1871	10	1	M	.45 " "
	10	1	M	.60 " "
	10	2	M	.80 " "
Average	10	4	M	.66½ " "
July 1871	10	1	M	.50 " "
Jan. 1872	10	1	M	.50 " "
July 1872	10	1	M	.60 " "
Jan. 1873	10	1	M	.60 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1873	10	2	M	$0.50 per day.
	10	2	M	.70 " "
	10	1	M	.80 " "
Average	10	5	M	.64 " "
Jan. 1874	10	1	M	.50 " "
	10	2	M	.70 " "
Average	10	3	M	.63½ " "
July 1874	10	2	M	.50 " "
	10	2	M	.60 " "
	10	1	M	.70 " "
	10	2	M	.80 " "
Average	10	7	M	.64½ " "
Jan. 1875	10	1	M	.50 " "
	10	3	M	.70 " "
Average	10	4	M	.65 " "
July 1875	10	3	M	.50 " "
	10	2	M	.70 " "
	10	1	M	.90 " "
Average	10	6	M	.63½ " "
Jan. 1876	10	1	M	.50 " "
	10	2	M	.60 " "
	10	2	M	.70 " "
Average	10	5	M	.62 " "
July 1876	10	2	M	.50 " "
	10	1	M	.60 " "
	10	1	M	.70 " "
	10	1	M	.80 " "
Average	10	5	M	.62 " "
Jan. 1877	10	2	M	.50 " "
	10	2	M	.60 " "
	10	2	M	.80 " "
Average	10	6	M	.63½ " "
July 1877	10	3	M	.50 " "
	10	5	M	.70 " "
Average	10	8	M	.62½ " "
Jan. 1878	10	1	M	.50 " "
	10	1	M	.60 " "
	10	2	M	.70 " "
	10	2	M	.80 " "
Average	10	6	M	.68½ " "
July 1878	10	1	M	.50 " "
	10	2	M	.60 " "
	10	1	M	.70 " "
	10	2	M	.80 " "
	10	1	M	.90 " "
Average	10	7	M	.70 " "
Jan. 1879	10	1	M	.60 " "
	10	1	M	.70 " "
	10	1	M	.90 " "
Average	10	3	M	.73½ " "

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1879	10	1	M	$0.50 per day.
	10	1	M	.70 " "
	10	2	M	.80 " "
Average	10	4	M	.70 " "
Jan. 1880	10	1	M	.50 " "
	10	1	M	.70 " "
	10	1	M	.80 " "
	10	1	M	.90 " "
Average	10	4	M	.72½ " "
July 1880	10	1	M	.50 " "
	10	1	M	.70 " "
	10	1	M	.80 " "
	10	1	M	1.00 " "
Average	10	4	M	.75 " "
Jan. 1881	10	1	M	.60 " "
	10	1	M	.80 " "
	10	2	M	1.00 " "
Average	10	4	M	.85 " "
July 1881	10	2	M	.50 " "
	10	2	M	.70 " "
	10	1	M	.90 " "
Average	10	5	M	.66 " "
Jan. 1882	10	3	M	.50 " "
	10	1	M	.60 " "
	10	1	M	.70 " "
	10	1	M	.80 " "
Average	10	6	M	.60 " "
July 1882	10	2	M	.60 " "
	10	3	M	.80 " "
Average	10	5	M	.72 " "
Jan. 1883	10	2	M	.70 " "
	10	2	M	.80 " "
Average	10	4	M	.75 " "
July 1883	10	1	M	.80 " "
	10	2	M	.90 " "
Average	10	3	M	.86½ " "
Jan. 1884	10	1	M	.90 " "
July 1884	10	1	M	.50 " "
	10	1	M	1.00 " "
Average	10	2	M	.75 " "
Jan. 1885	10	1	M	.50 " "
	10	1	M	.90 " "
Average	10	2	M	.70 " "
July 1885	10	1	M	.60 " "
	10	1	M	.90 " "
Average	10	2	M	.75 " "
Jan. 1886	10	1	M	.60 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1886	10	2	M	$0.50 per day.	Jan. 1888	10	2	M	$0.60 per day.
	10	1	M	.80 " "	July 1888	10	1	M	.70 " "
Average	10	3	M	.60 " "		10	1	M	.90 " "
Jan. 1887	10	2	M	.50 " "	Average	10	2	M	.80 " "
	10	1	M	.80 " "	Jan. 1890	10	1	M	.60 " "
Average	10	3	M	.60 " "	July 1890	10	2	M	.70 " "
July 1887	10	1	M	.50 " "	Jan. 1891	10	2	M	.80 " "
	10	1	M	.60 " "	July 1891	10	1	M	.80 " "
	10	1	M	.90 " "		10	1	M	.90 " "
Average	10	3	M	.66½ " "	Average	10	2	M	.85 " "

MOULDERS' HELPERS.

Jan. 1843	10	2	M	.66½ per day.	Jan. 1849-conc'd.	10	1	M	.87½ per day.
July 1843	10	1	M	.66½ " "		10	1	M	1.25 " "
	10	1	M	.75 " "	Average	10	4	M	.88½ " "
Average	10	2	M	.70½ " "	July 1849	10	1	M	.66½ " "
Jan. 1844	10	1	M	.66½ " "		10	1	M	.75 " "
	10	3	M	.75 " "		10	1	M	.87½ " "
Average	10	4	M	.73 " "		10	1	M	1.00 " "
July 1844	10	1	M	.66½ " "	Average	10	4	M	.82½ " "
	10	4	M	.75 " "	Jan. 1850	10	1	M	.58½ " "
Average	10	5	M	.73½ " "		10	4	M	.75 " "
Jan. 1845	10	4	M	.75 " "		10	1	M	.87½ " "
July 1845	10	5	M	.75 " "		10	2	M	1.00 " "
	10	1	M	.87½ " "	Average	10	8	M	.80½ " "
	10	1	M	1.00 " "	July 1850	10	1	M	.58½ " "
Average	10	7	M	.80½ " "		10	4	M	.75 " "
Jan. 1846	10	4	M	.75 " "		10	1	M	.87½ " "
	10	1	M	.87½ " "		10	2	M	1.00 " "
	10	1	M	1.00 " "	Average	10	8	M	.80½ " "
Average	10	6	M	.81½ " "	Jan. 1851	10	1	M	.66½ " "
July 1846	10	2	M	.75 " "		10	8	M	.75 " "
	10	1	M	.87½ " "		10	1	M	1.00 " "
	10	2	M	1.00 " "	Average	10	10	M	.76½ " "
Average	10	5	M	.87½ " "	July 1851	10	1	M	.66½ " "
Jan. 1847	10	3	M	.75 " "		10	10	M	.75 " "
	10	1	M	1.00 " "		10	1	M	.87½ " "
Average	10	4	M	.81½ " "		10	2	M	1.00 " "
July 1847	10	5	M	.75 " "	Average	10	14	M	.79 " "
Jan. 1848	10	5	M	.75 " "	Jan. 1852	10	2	M	.62½ " "
July 1848	10	2	M	.75 " "		10	14	M	.75 " "
	10	1	M	.87½ " "		10	4	M	.87½ " "
	10	1	M	1.00 " "		10	3	M	1.00 " "
Average	10	4	M	.84½ " "	Average	10	23	M	.79½ " "
Jan. 1849	10	1	M	.66½ " "	July 1852	10	2	M	.62½ " "
	10	1	M	.75 " "		10	11	M	.75 " "
						10	4	M	.87½ " "
						10	3	M	1.00 " "
					Average	10	20	M	.80 " "
					Jan. 1854	10	1	M	.66½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1854–cone'd.	10	12	M	$0.75 per day.
	10	1	M	.83½ " "
	10	7	M	.87½ " "
	10	4	M	1.00 " "
Average	10	25	M	.82½ " "
July 1854	10	1	M	.66½ " "
	10	15	M	.75 " "
	10	1	M	.83½ " "
	10	9	M	.87½ " "
	10	2	M	1.00 " "
	10	2	M	1.12½ " "
Average	10	30	M	.82 " "
Jan. 1855	10	11	M	.75 " "
	10	1	M	.83½ " "
	10	4	M	.87½ " "
	10	8	M	1.00 " "
Average	10	24	M	.86 " "
July 1855	10	9	M	.75 " "
	10	6	M	.87½ " "
	10	7	M	1.00 " "
Average	10	22	M	.86½ " "
Jan. 1856	10	6	M	.75 " "
	10	5	M	.87½ " "
	10	4	M	1.00 " "
Average	10	15	M	.86 " "
July 1856	10	2	M	.66½ " "
	10	3	M	.75 " "
	10	6	M	.87½ " "
	10	2	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	16	M	.89½ " "
Jan. 1857	10	2	M	.66½ " "
	10	2	M	.75 " "
	10	8	M	.87½ " "
	10	3	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	18	M	.90½ " "
July 1857	10	1	M	.66½ " "
	10	7	M	.87½ " "
	10	4	M	1.00 " "
	10	1	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	14	M	.94 " "
Jan. 1858	10	1	M	.66½ " "
	10	4	M	.87½ " "
	10	2	M	1.00 " "
Average	10	7	M	.88 " "
July 1858	10	1	M	.66½ " "
	10	2	M	.75 " "
	10	5	M	.87½ " "
	10	2	M	1.00 " "
Average	10	10	M	.85½ " "
July 1859	10	6	M	$0.62½ per day.
	10	5	M	.75 " "
	10	1	M	1.12½ " "
Average	10	12	M	.72 " "
Jan. 1860	10	6	M	.62½ " "
	10	5	M	.75 " "
	10	1	M	1.12½ " "
Average	10	12	M	.72 " "
July 1860	10	2	M	.75 " "
	10	2	M	.87½ " "
	10	3	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	8	M	.92 " "
Jan. 1861	10	1	M	.87½ " "
July 1861	10	5	M	.87½ " "
	10	2	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	8	M	.93½ " "
Jan. 1862	10	3	M	.75 " "
	10	5	M	.87½ " "
	10	2	M	1.00 " "
Average	10	10	M	.86½ " "
July 1862	10	8	M	.87½ " "
	10	4	M	1.00 " "
	10	2	M	1.12½ " "
Average	10	14	M	.94½ " "
Jan. 1863	10	5	M	.87½ " "
	10	10	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	16	M	.97 " "
July 1863	10	1	M	1.00 " "
	10	5	M	1.12½ " "
	10	4	M	1.25 " "
Average	10	10	M	1.16½ " "
Jan. 1864	10	8	M	1.12½ " "
	10	4	M	1.25 " "
Average	10	12	M	1.16½ " "
Jan. 1865	10	1	M	1.00 " "
July 1865	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
Jan. 1866	10	1	M	.83½ " "
	10	1	M	1.37½ " "
Average	10	2	M	1.10½ " "
July 1866	10	1	M	1.00 " "
	10	1	M	1.50 " "
Average	10	2	M	1.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1867	10	1	M	$1.00 per day.
	10	1	M	1.50 " "
Average	10	2	M	1.25 " "
July 1867	10	1	M	1.20 " "
Jan. 1868	10	1	M	1.20 " "
Jan. 1870	10	1	M	1.40 " "
	10	1	M	1.50 " "
Average	10	2	M	1.45 " "
July 1870	10	1	M	1.00 " "
	10	2	M	1.10 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
Average	10	5	M	1.22 " "
Jan. 1871	10	2	M	1.10 " "
	10	1	M	1.15 " "
	10	1	M	1.40 " "
	10	1	M	1.50 " "
Average	10	5	M	1.25 " "
July 1871	10	1	M	1.00 " "
	10	1	M	1.50 " "
Average	10	2	M	1.25 " "
Jan. 1872	10	1	M	1.00 " "
	10	1	M	1.50 " "
Average	10	2	M	1.25 " "
July 1872	10	1	M	1.00 " "
	10	2	M	1.50 " "
Average	10	3	M	1.33½ " "
Jan. 1873	10	1	M	1.00 " "
	10	1	M	1.25 " "
	10	4	M	1.50 " "
Average	10	6	M	1.37½ " "
July 1873	10	1	M	1.00 " "
	10	4	M	1.50 " "
	10	1	M	1.60 " "
Average	10	6	M	1.43½ " "
Jan. 1874	10	2	M	1.00 " "
	10	3	M	1.50 " "
Average	10	5	M	1.30 " "
July 1874	10	1	M	1.00 " "
	10	2	M	1.10 " "
	10	3	M	1.50 " "
Average	10	6	M	1.28½ " "
Jan. 1875	10	2	M	1.00 " "
	10	1	M	1.10 " "
	10	3	M	1.50 " "
Average	10	6	M	1.26½ " "
July 1875	10	2	M	1.00 " "
	10	3	M	1.10 " "
	10	4	M	1.50 " "
Average	10	9	M	1.25½ " "
Jan. 1876	10	1	M	$0.90 per day.
	10	2	M	1.00 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
	10	4	M	1.50 " "
Average	10	10	M	1.25 " "
July 1876	10	1	M	.90 " "
	10	4	M	1.10 " "
	10	1	M	1.20 " "
	10	3	M	1.30 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
Average	10	12	M	1.23½ " "
Jan. 1877	10	1	M	1.00 " "
	10	3	M	1.10 " "
	10	2	M	1.20 " "
	10	3	M	1.30 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
Average	10	12	M	1.25 " "
July 1877	10	2	M	1.10 " "
	10	3	M	1.20 " "
	10	2	M	1.30 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
Average	10	10	M	1.28 " "
Jan. 1878	10	2	M	1.10 " "
	10	3	M	1.20 " "
	10	2	M	1.30 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
Average	10	10	M	1.28 " "
July 1878	10	1	M	1.10 " "
	10	2	M	1.20 " "
	10	2	M	1.30 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
Average	10	8	M	1.31½ " "
Jan. 1879	10	2	M	.90 " "
	10	2	M	1.00 " "
	10	3	M	1.20 " "
	10	3	M	1.30 " "
Average	10	10	M	1.13 " "
July 1879	10	2	M	.90 " "
	10	2	M	1.00 " "
	10	3	M	1.10 " "
	10	3	M	1.20 " "
	10	5	M	1.30 " "
Average	10	15	M	1.14½ " "
Jan. 1880	10	3	M	1.00 " "
	10	2	M	1.10 " "
	10	4	M	1.20 " "
	10	4	M	1.30 " "
	10	1	M	1.40 " "
Average	10	14	M	1.18½ " "
July 1880	10	4	M	1.10 " "
	10	5	M	1.20 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880–conc'd.	10	3	M	$1.30 per day.
	10	2	M	1.40 " "
Average	10	14	M	1.22 " "
Jan. 1881	10	4	M	1.20 " "
	10	9	M	1.30 " "
	10	1	M	1.40 " "
Average	10	14	M	1.28 " "
July 1881	10	1	M	1.20 " "
	10	3	M	1.30 " "
	10	6	M	1.40 " "
	10	3	M	1.50 " "
Average	10	13	M	1.38½ " "
Jan. 1882	10	1	M	.90 " "
	10	1	M	1.00 " "
	10	1	M	1.20 " "
	10	5	M	1.30 " "
	10	4	M	1.40 " "
	10	4	M	1.50 " "
Average	10	16	M	1.32½ " "
July 1882	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	2	M	1.30 " "
	10	3	M	1.40 " "
	10	7	M	1.50 " "
Average	10	14	M	1.38¼ " "
Jan. 1883	10	1	M	1.00 " "
	10	1	M	1.10 " "
	10	3	M	1.30 " "
	10	2	M	1.40 " "
	10	7	M	1.50 " "
Average	10	14	M	1.38 " "
July 1883	10	1	M	1.10 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
	10	2	M	1.40 " "
	10	8	M	1.50 " "
Average	10	13	M	1.41½ " "
Jan. 1884	10	1	M	1.10 " "
	10	1	M	1.20 " "
	10	1	M	1.30 " "
	10	8	M	1.50 " "
Average	10	11	M	1.42 " "
July 1884	10	1	M	1.20 " "
	10	2	M	1.30 " "
	10	9	M	1.50 " "
Average	10	12	M	1.44 " "
Jan. 1885	10	2	M	1.15 " "
	10	1	M	1.25 " "
	10	4	M	1.35 " "
	10	1	M	1.40 " "
	10	1	M	1.45 " "
Average	10	9	M	1.31 " "
July 1885	10	1	M	1.00 " "
	10	2	M	1.15 " "
July 1885–conc'd.	10	4	M	$1.35 per day.
	10	1	M	1.40 " "
Average	10	8	M	1.26½ " "
Jan. 1886	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	4	M	1.35 " "
	10	1	M	1.40 " "
Average	10	7	M	1.28 " "
July 1886	10	1	M	1.15 " "
	10	1	M	1.25 " "
	10	3	M	1.35 " "
	10	1	M	1.40 " "
	10	1	M	1.45 " "
Average	10	7	M	1.33 " "
Jan. 1887	10	1	M	1.15 " "
	10	1	M	1.20 " "
	10	1	M	1.25 " "
	10	2	M	1.35 " "
	10	2	M	1.40 " "
	10	1	M	1.45 " "
Average	10	8	M	1.32 " "
July 1887	10	1	M	1.15 " "
	10	1	M	1.20 " "
	10	1	M	1.25 " "
	10	1	M	1.35 " "
	10	3	M	1.40 " "
	10	1	M	1.50 " "
Average	10	8	M	1.33 " "
Jan. 1888	10	1	M	1.00 " "
	10	1	M	1.15 " "
	10	2	M	1.20 " "
	10	1	M	1.25 " "
	10	1	M	1.35 " "
	10	3	M	1.40 " "
	10	3	M	1.50 " "
Average	10	12	M	1.32 " "
July 1888	10	1	M	1.00 " "
	10	5	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	4	M	1.40 " "
	10	3	M	1.50 " "
Average	10	15	M	1.33½ " "
Jan. 1889	10	1	M	1.20 " "
	10	4	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	4	M	1.40 " "
	10	2	M	1.50 " "
Average	10	13	M	1.34 " "
July 1889	10	1	M	1.20 " "
	10	3	M	1.25 " "
	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	3	M	1.40 " "
	10	2	M	1.50 " "
Average	10	11	M	1.34½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890	10	1	M	$1.25 per day.	Jan. 1891	10	1	M	$1.00 per day.
	10	4	M	1.30 " "		10	1	M	1.25 " "
	10	4	M	1.35 " "		10	2	M	1.30 " "
	10	4	M	1.40 " "		10	3	M	1.35 " "
	10	1	M	1.50 " "		10	5	M	1.40 " "
						10	1	M	1.50 " "
Average	10	14	M	1.35½ " "	Average	10	13	M	1.34 " "
July 1890	10	1	M	.90 " "	July 1891	10	1	M	1.00 " "
	10	1	M	1.25 " "		10	1	M	1.25 " "
	10	4	M	1.30 " "		10	2	M	1.30 " "
	10	3	M	1.35 " "		10	3	M	1.35 " "
	10	3	M	1.40 " "		10	5	M	1.40 " "
	10	1	M	1.50 " "		10	1	M	1.50 " "
Average	10	13	M	1.31½ " "	Average	10	13	M	1.34 " "

PATTERNMAKERS.

Jan. 1844	10	4	M	1.25 per day.	Jan. 1848	10	1	M	1.00 per day.
	10	1	M	2.00 " "		10	1	M	1.25 " "
						10	1	M	1.37½ " "
Average	10	5	M	1.40 " "		10	4	M	1.50 " "
						10	1	M	1.75 " "
July 1844	10	3	M	1.25 " "					
	10	2	M	1.50 " "	Average	10	8	M	1.42 " "
	10	1	M	2.00 " "					
					July 1848	10	1	M	1.00 " "
Average	10	6	M	1.46 " "		10	1	M	1.25 " "
						10	1	M	1.37½ " "
Jan. 1845	10	1	M	1.00 " "		10	3	M	1.50 " "
	10	3	M	1.50 " "		10	1	M	1.75 " "
	10	1	M	2.00 " "					
					Average	10	7	M	1.41 " "
Average	10	5	M	1.50 " "					
					Jan. 1849	10	1	M	1.00 " "
July 1845	10	2	M	1.25 " "		10	1	M	1.25 " "
	10	2	M	1.37½ " "		10	2	M	1.50 " "
	10	6	M	1.50 " "		10	1	M	1.75 " "
Average	10	10	M	1.42½ " "	Average	10	5	M	1.40 " "
Jan. 1846	10	2	M	1.25 " "	July 1849	10	1	M	1.00 " "
	10	2	M	1.37½ " "		10	1	M	1.37½ " "
	10	3	M	1.50 " "		10	1	M	1.50 " "
	10	1	M	1.75 " "		10	1	M	1.75 " "
Average	10	8	M	1.43½ " "	Average	10	4	M	1.40½ " "
July 1846	10	1	M	1.25 " "					
	10	3	M	1.37½ " "	Jan. 1850	10	1	M	1.00 " "
	10	3	M	1.50 " "		10	1	M	1.37½ " "
	10	1	M	1.75 " "		10	1	M	1.50 " "
						10	1	M	1.75 " "
Average	10	8	M	1.45½ " "	Average	10	4	M	1.40½ " "
Jan. 1847	10	2	M	1.25 " "					
	10	1	M	1.37½ " "	July 1850	10	1	M	1.00 " "
	10	5	M	1.50 " "		10	1	M	1.37½ " "
	10	1	M	1.75 " "		10	1	M	1.50 " "
Average	10	9	M	1.46 " "	Average	10	3	M	1.29 " "
July 1847	10	2	M	1.25 " "					
	10	1	M	1.37½ " "	Jan. 1851	10	1	M	1.12½ " "
	10	5	M	1.50 " "		10	3	M	1.25 " "
	10	1	M	1.75 " "		10	2	M	1.50 " "
Average	10	9	M	1.46 " "	Average	10	6	M	1.31¼ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1851	10	3	M	$1.25 per day.
	10	1	M	1.37½ " "
	10	2	M	1.62½ " "
Average	10	6	M	1.39½ " "
Jan. 1852	10	3	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	2	M	1.62½ " "
Average	10	7	M	1.41 " "
July 1852	10	1	M	1.00 " "
	10	4	M	1.25 " "
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
	10	2	M	1.62½ " "
	10	1	M	1.75 " "
Average	10	10	M	1.38½ " "
Jan. 1854	10	1	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	7	M	1.57 " "
July 1854	10	1	M	1.25 " "
	10	2	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.00 " "
Average	10	8	M	1.65½ " "
Jan. 1855	10	1	M	1.25 " "
	10	3	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	2.50 " "
Average	10	7	M	1.69½ " "
July 1855	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	7	M	1.77 " "
Jan. 1856	10	2	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.50 " "
Average	10	6	M	1.87½ " "
July 1856	10	1	M	1.25 " "
	10	2	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.50 " "
Average	10	6	M	1.75 " "
Jan. 1857	10	2	M	1.25 " "
	10	1	M	1.50 " "
	10	1	M	1.62½ " "
Jan. 1857—conc'd.	10	2	M	$1.75 per day.
	10	1	M	1.87½ " "
	10	1	M	3.00 " "
Average	10	8	M	1.75 " "
July 1857	10	1	M	1.25 " "
	10	1	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	1.87½ " "
	10	1	M	3.00 " "
Average	10	6	M	1.85½ " "
July 1859	10	1	M	1.25 " "
	10	1	M	1.37½ " "
Average	10	2	M	1.31½ " "
Jan. 1860	10	2	M	1.25 " "
	10	1	M	1.37½ " "
Average	10	3	M	1.29 " "
July 1860	10	1	M	1.25 " "
	10	1	M	1.50 " "
Average	10	2	M	1.37½ " "
Jan. 1861	10	1	M	1.62½ " "
July 1861	10	1	M	1.75 " "
Jan. 1862	10	1	M	1.25 " "
	10	1	M	1.75 " "
Average	10	2	M	1.50 " "
July 1862	10	2	M	1.25 " "
	10	1	M	2.00 " "
Average	10	3	M	1.50 " "
Jan. 1863	10	1	M	1.00 " "
	10	2	M	1.37½ " "
	10	2	M	1.50 " "
	10	1	M	1.75 " "
	10	1	M	2.00 " "
Average	10	7	M	1.50 " "
July 1863	10	1	M	1.12½ " "
	10	1	M	1.25 " "
	10	3	M	1.62½ " "
	10	2	M	2.00 " "
	10	1	M	2.50 " "
Average	10	8	M	1.72 " "
Jan. 1864	10	1	M	1.25 " "
	10	1	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.00 " "
	10	1	M	2.50 " "
Average	10	8	M	1.84½ " "
July 1864	10	1	M	1.62½ " "
	10	1	M	1.87½ " "
	10	3	M	2.00 " "
	10	1	M	2.12½ " "
	10	3	M	2.25 " "
Average	10	9	M	2.04 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865	10	1	M	$1.87½ per day.
	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.37½ " "
	10	1	M	2.50 " "
Average	10	5	M	2.17½ " "
July 1865	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
Average	10	4	M	2.31½ " "
Jan. 1866	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.37½ " "
	10	1	M	2.50 " "
	10	1	M	2.62½ " "
Average	10	5	M	2.32½ " "
July 1866	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	2	M	2.62½ " "
Average	10	5	M	2.40 " "
Jan. 1867	10	1	M	2.25 " "
	10	2	M	2.37½ " "
	10	1	M	2.62½ " "
	10	1	M	2.75 " "
Average	10	5	M	2.47½ " "
July 1867	10	1	M	2.37½ " "
	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.87½ " "
Average	10	6	M	2.62½ " "
Jan. 1868	10	1	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	2.87½ " "
Average	10	4	M	2.72 " "
July 1868	10	2	M	2.50 " "
	10	2	M	2.75 " "
Average	10	4	M	2.62½ " "
Jan. 1869	10	2	M	2.50 " "
	10	2	M	2.75 " "
	10	1	M	3.00 " "
Average	10	5	M	2.70 " "
July 1869	10	2	M	2.50 " "
	10	1	M	2.75 " "
Average	10	3	M	2.58½ " "
Jan. 1870	10	1	M	2.60 " "
	10	1	M	2.62½ " "
Average	10	2	M	2.61½ " "
July 1870	10	1	M	1.50 " "
	10	3	M	2.60 " "
	10	1	M	2.75 " "
Average	10	5	M	2.41 " "
Jan. 1871	10	1	M	$1.50 per day.
	10	1	M	2.60 " "
	10	1	M	2.75 " "
Average	10	3	M	2.28½ " "
July 1871	10	1	M	1.70 " "
	10	2	M	2.60 " "
	10	2	M	2.75 " "
Average	10	5	M	2.48 " "
Jan. 1872	10	2	M	2.60 " "
	10	1	M	2.75 " "
Average	10	3	M	2.65 " "
July 1872	10	1	M	1.50 " "
	10	1	M	2.50 " "
	10	2	M	2.60 " "
	10	1	M	2.75 " "
Average	10	5	M	2.39 " "
Jan. 1873	10	2	M	1.50 " "
	10	1	M	2.50 " "
	10	2	M	2.60 " "
	10	1	M	2.75 " "
Average	10	6	M	2.24 " "
July 1873	10	1	M	1.70 " "
	10	1	M	2.60 " "
	10	1	M	2.75 " "
	10	1	M	2.80 " "
	10	1	M	3.00 " "
Average	10	5	M	2.57 " "
Jan. 1874	10	4	M	2.50 " "
July 1874	10	1	M	1.50 " "
	10	3	M	2.50 " "
	10	1	M	2.70 " "
Average	10	5	M	2.34 " "
Jan. 1875	10	2	M	2.50 " "
July 1875	10	1	M	1.50 " "
	10	1	M	2.10 " "
	10	3	M	2.50 " "
	10	1	M	2.70 " "
Average	10	6	M	2.30 " "
Jan. 1876	10	3	M	2.20 " "
	10	1	M	2.50 " "
Average	10	4	M	2.27½ " "
July 1876	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
Average	10	3	M	2.16½ " "
Jan. 1877	10	1	M	1.70 " "
	10	1	M	2.20 " "
	10	1	M	2.30 " "
Average	10	3	M	2.06½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1877	10	1	M	$1.70 per day.
	10	1	M	2.70 " "
Average	10	2	M	2.20 " "
Jan. 1878	10	1	M	1.50 " "
	10	1	M	1.70 " "
	10	1	M	2.00 " "
Average	10	3	M	1.73½ " "
July 1878	10	1	M	1.70 " "
	10	1	M	2.00 " "
Average	10	2	M	1.85 " "
Jan. 1879	10	1	M	1.70 " "
	10	1	M	1.90 " "
Average	10	2	M	1.80 " "
July 1879	10	2	M	1.70 " "
	10	1	M	1.90 " "
Average	10	3	M	1.76⅔ " "
Jan. 1880	10	1	M	1.60 " "
	10	1	M	1.70 " "
	10	1	M	1.90 " "
Average	10	3	M	1.73⅓ " "
July 1880	10	1	M	1.60 " "
	10	3	M	1.90 " "
	10	1	M	2.00 " "
Average	10	5	M	1.86 " "
Jan. 1881	10	3	M	1.80 " "
	10	1	M	1.90 " "
Average	10	4	M	1.82½ " "
July 1881	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	2	M	2.20 " "
Average	10	6	M	2.05 " "
Jan. 1882	10	1	M	1.90 " "
	10	2	M	2.00 " "
	10	1	M	2.20 " "
	10	2	M	2.40 " "
Average	10	6	M	2.15 " "
July 1882	10	1	M	1.90 " "
	10	1	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.20 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
Average	10	7	M	2.20 " "
Jan. 1883	10	1	M	2.00 " "
	10	3	M	2.20 " "
	10	1	M	2.60 " "
Average	10	5	M	2.24 " "
July 1883	10	3	M	2.20 " "
	10	1	M	2.70 " "
	10	1	M	2.80 " "
Average	10	5	M	2.42 " "
Jan. 1884	10	3	M	$2.20 per day.
	10	1	M	2.70 " "
	10	1	M	2.80 " "
Average	10	5	M	2.42 " "
July 1884	10	1	M	2.00 " "
	10	2	M	2.20 " "
	10	1	M	2.50 " "
	10	1	M	2.70 " "
	10	1	M	2.80 " "
Average	10	6	M	2.40 " "
Jan. 1885	10	1	M	1.95 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
Average	10	3	M	2.28½ " "
July 1885	10	1	M	1.80 " "
	10	1	M	1.95 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
Average	10	4	M	2.16½ " "
Jan. 1886	10	1	M	1.80 " "
	10	1	M	1.95 " "
	10	1	M	2.40 " "
	10	1	M	2.50 " "
Average	10	4	M	2.16½ " "
July 1886	10	2	M	1.80 " "
	10	1	M	1.95 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
Average	10	5	M	2.13 " "
Jan. 1887	10	2	M	1.80 " "
	10	1	M	1.95 " "
	10	1	M	2.50 " "
	10	1	M	2.60 " "
Average	10	5	M	2.13 " "
July 1887	10	1	M	1.80 " "
	10	1	M	1.95 " "
	10	1	M	2.60 " "
Average	10	3	M	2.11½ " "
Jan. 1888	10	1	M	1.80 " "
	10	1	M	1.95 " "
	10	1	M	2.60 " "
Average	10	3	M	2.11½ " "
July 1888	10	1	M	1.90 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	5	M	2.17 " "
Jan. 1889	10	1	M	1.70 " "
	10	1	M	2.00 " "
	10	1	M	2.20 " "
	10	1	M	2.50 " "
Average	10	4	M	2.10 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1889	10	2	M	$1.70 per day.	July 1890–conc'd.	10	1	M	$2.50 per day.
	10	1	M	1.75 " "		10	1	M	2.75 " "
	10	1	M	2.00 " "	Average	10	7	M	2.18 " "
	10	1	M	2.20 " "	Jan. 1891	10	1	M	1.80 " "
	10	1	M	2.50 " "		10	1	M	1.85 " "
Average	10	6	M	1.97½ " "		10	1	M	2.20 " "
Jan. 1890	10	1	M	1.70 " "		10	2	M	2.25 " "
	10	1	M	1.75 " "		10	1	M	2.35 " "
	10	1	M	2.00 " "		10	1	M	2.50 " "
	10	1	M	2.20 " "		10	2	M	2.75 " "
	10	1	M	2.25 " "	Average	10	9	M	2.30 " "
	10	1	M	2.50 " "	July 1891	10	1	M	1.80 " "
Average	10	6	M	2.06½ " "		10	1	M	1.85 " "
July 1890	10	1	M	1.70 " "		10	1	M	2.20 " "
	10	1	M	1.85 " "		10	3	M	2.25 " "
	10	1	M	2.00 " "		10	2	M	2.50 " "
	10	1	M	2.20 " "		10	1	M	2.75 " "
	10	1	M	2.25 " "	Average	10	9	M	2.26 " "

PATTERNMAKERS' APPRENTICES.

July 1844	10	1	M	.42 per day.	Jan. 1855	10	2	M	.50 per day.
Jan. 1845	10	1	M	.42 " "		10	1	M	.58½ " "
July 1845	10	1	M	.42 " "		10	1	M	.66½ " "
Jan. 1846	10	1	M	.50 " "	Average	10	4	M	.56½ " "
July 1846	10	1	M	.50 " "	July 1855	10	1	M	.50 " "
July 1848	10	1	M	.42 " "		10	2	M	.58½ " "
Jan. 1849	10	1	M	.42 " "		10	1	M	.66½ " "
July 1849	10	1	M	.50 " "	Average	10	4	M	.58½ " "
Jan. 1850	10	1	M	.42 " "	Jan. 1856	10	2	M	.58½ " "
	10	1	M	.50 " "		10	1	M	.66½ " "
Average	10	2	M	.46 " "	Average	10	3	M	.61 " "
July 1850	10	1	M	.42 " "	July 1856	10	2	M	.58½ " "
Jan. 1851	10	1	M	.42 " "	Jan. 1857	10	1	M	.66½ " "
July 1851	10	1	M	.42 " "	July 1857	10	1	M	.66½ " "
	10	1	M	.50 " "	July 1863	10	1	M	.42 " "
Average	10	2	M	.46 " "	Jan. 1864	10	1	M	.42 " "
Jan. 1852	10	1	M	.42 " "	July 1864	10	1	M	.66½ " "
	10	1	M	.50 " "	Jan. 1865	10	1	M	.75 " "
Average	10	2	M	.46 " "	July 1866	10	1	M	.42 " "
July 1852	10	2	M	.42 " "	Jan. 1867	10	1	M	.50 " "
	10	1	M	.58½ " "	July 1867	10	2	M	.50 " "
Average	10	3	M	.47½ " "	Jan. 1868	10	2	M	.50 " "
Jan. 1854	10	2	M	.42 " "	July 1868	10	2	M	.66½ " "
	10	1	M	.50 " "	Jan. 1869	10	1	M	.66½ " "
	10	1	M	.58½ " "		10	1	M	.75 " "
	10	1	M	.66½ " "	Average	10	2	M	.70½ " "
Average	10	5	M	.52 " "	July 1869	10	1	M	.50 " "
July 1854	10	1	M	.42 " "		10	1	M	.66½ " "
	10	2	M	.50 " "		10	1	M	1.00 " "
	10	2	M	.66½ " "	Average	10	3	M	.72 " "
Average	10	5	M	.55 " "	Jan. 1870	10	1	M	.50 " "
						10	1	M	.66½ " "
						10	1	M	1.00 " "
					Average	10	3	M	.72 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

PATTERNMAKERS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1870	10	1	M	$0.65 per day.	July 1879	10	1	M	$1.20 per day.
	10	1	M	.85 " "	Jan. 1880	10	1	M	1.20 " "
					Jan. 1881	10	1	M	.50 " "
Average	10	2	M	.75 " "	July 1881	10	1	M	.70 " "
					Jan. 1882	10	1	M	.70 " "
Jan. 1871	10	1	M	.65 " "					
	10	1	M	.85 " "	July 1882	10	1	M	.60 " "
						10	1	M	1.00 " "
Average	10	2	M	.75 " "					
					Average	10	2	M	.80 " "
July 1871	10	1	M	.75 " "					
	10	1	M	1.00 " "	Jan. 1883	10	1	M	.60 " "
						10	1	M	1.00 " "
Average	10	2	M	.87½ " "					
					Average	10	2	M	.80 " "
Jan. 1872	10	1	M	.75 " "					
	10	1	M	1.00 " "	July 1883	10	1	M	.70 " "
						10	1	M	1.20 " "
Average	10	2	M	.87½ " "					
					Average	10	2	M	.95 " "
July 1872	10	1	M	.50 " "					
	10	1	M	1.10 " "	Jan. 1884	10	1	M	.70 " "
						10	1	M	1.20 " "
Average	10	2	M	.80 " "					
					Average	10	2	M	.95 " "
Jan. 1873	10	1	M	.50 " "					
Jan. 1874	10	1	M	.50 " "	July 1884	10	1	M	1.00 " "
July 1874	10	1	M	.50 " "	Jan. 1885	10	1	M	.90 " "
Jan. 1875	10	1	M	.70 " "	July 1885	10	1	M	.50 " "
July 1875	10	1	M	.70 " "	Jan. 1886	10	1	M	.50 " "
Jan. 1876	10	1	M	.85 " "	July 1886	10	2	M	.50 " "
					Jan. 1887	10	2	M	.50 " "
July 1876	10	1	M	.50 " "	July 1887	10	1	M	.80 " "
	10	1	M	.85 " "	Jan. 1888	10	1	M	.80 " "
Average	10	2	M	.67½ " "	July 1888	10	1	M	.50 " "
						10	1	M	1.10 " "
Jan. 1877	10	1	M	.50 " "					
	10	1	M	1.10 " "	Average	10	2	M	.80 " "
Average	10	2	M	.80 " "	Jan. 1889	10	1	M	.50 " "
						10	1	M	1.10 " "
July 1877	10	1	M	.70 " "					
	10	1	M	1.10 " "	Average	10	2	M	.80 " "
Average	10	2	M	.90 " "	July 1889	10	1	M	.50 " "
					July 1890	10	1	M	.50 " "
Jan. 1878	10	1	M	.70 " "	Jan. 1891	10	1	M	.50 " "
July 1878	10	1	M	.85 " "	July 1891	10	1	M	.65 " "
Jan. 1879	10	1	M	.85 " "					

WATCHMEN.

Jan. 1844	13	1	M	.60 per day.	Jan. 1846	13	1	M	.87½ per day.
	13	1	M	.87½ " "	July 1846	13	1	M	.87½ " "
Average	13	2	M	.73½ " "	Jan. 1847	13	1	M	.75 " "
						13	1	M	.87½ " "
July 1844	13	1	M	.60 " "					
	13	1	M	.87½ " "	Average	13	2	M	.81½ " "
Average	13	2	M	.73½ " "	July 1847	13	1	M	.75 " "
						13	1	M	.87½ " "
Jan. 1845	13	1	M	.60 " "					
	13	1	M	.87½ " "	Average	13	2	M	.81½ " "
Average	13	2	M	.73½ " "					
					Jan. 1848	13	2	M	.87½ " "
July 1845	13	1	M	.60 " "	July 1848	13	1	M	.87½ " "
	13	1	M	.87½ " "	Jan. 1849	13	1	M	.87½ " "
Average	13	2	M	.73½ " "	July 1849	13	1	M	.87½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Concluded.

WATCHMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1850	13	1	M	$0.75 per day.	July 1876	13	1	M	$2.00 per day.
	13	1	M	.87½ " "	Jan. 1877	13	1	M	2.00 " "
					July 1877	13	1	M	2.00 " "
Average	13	2	M	.81½ " "	Jan. 1878	13	1	M	2.00 " "
					July 1878	13	1	M	2.00 " "
July 1850	13	1	M	.75 " "	Jan. 1879	13	1	M	2.00 " "
	13	1	M	.87½ " "	July 1879	13	1	M	2.00 " "
					Jan. 1880	13	1	M	2.00 " "
Average	13	2	M	.81½ " "	July 1880	13	1	M	2.00 " "
					Jan. 1881	13	1	M	2.00 " "
Jan. 1851	13	1	M	.75 " "	July 1881	13	1	M	2.14½ " "
	13	1	M	.87½ " "	Jan. 1882	13	1	M	2.14½ " "
					July 1882	13	1	M	2.14½ " "
Average	13	2	M	.81½ " "	Jan. 1883	13	1	M	2.14½ " "
					July 1883	13	1	M	2.14½ " "
July 1851	13	2	M	.87½ " "	Jan. 1884	13	1	M	2.14½ " "
Jan. 1852	13	2	M	.87½ " "	July 1884	13	1	M	2.14½ " "
July 1852	13	1	M	.87½ " "	Jan. 1885	13	1	M	2.14½ " "
July 1855	13	1	M	1.25 " "	July 1885	13	1	M	2.14½ " "
Jan. 1856	13	1	M	1.25 " "	Jan. 1886	13	1	M	2.14½ " "
July 1856	13	1	M	1.25 " "	July 1886	13	1	M	2.14½ " "
Jan. 1857	13	1	M	1.25 " "	Jan. 1887	13	1	M	2.14½ " "
July 1857	13	1	M	1.25 " "	July 1887	13	1	M	2.14½ " "
Jan. 1858	13	1	M	1.25 " "	Jan. 1888	13	1	M	2.14½ " "
July 1858	13	1	M	1.25 " "	July 1888	13	1	M	2.14½ " "
July 1873	13	1	M	2.00 " "	Jan. 1889	13	1	M	2.14½ " "
Jan. 1874	13	1	M	2.00 " "	July 1889	13	1	M	2.00 " "
July 1874	13	1	M	2.00 " "	Jan. 1890	13	1	M	2.00 " "
Jan. 1875	13	1	M	2.00 " "	July 1890	13	1	M	2.00 " "
July 1875	13	1	M	2.00 " "	Jan. 1891	13	1	M	2.00 " "
Jan. 1876	13	1	M	2.00 " "	July 1891	13	1	M	2.00 " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK.

BLACKSMITHS.

July 1876	10	1	M	2.12½ per day.	Jan. 1882	10	1	M	2.50 per day.
	10	1	M	2.25 " "		10	1	M	3.25 " "
Average	10	2	M	2.18½ " "	Average	10	2	M	2.87½ " "
Jan. 1877	10	1	M	2.25 " "	July 1882	10	1	M	2.50 " "
July 1877	10	1	M	2.25 " "		10	1	M	3.25 " "
Jan. 1878	10	1	M	2.50 " "	Average	10	2	M	2.87½ " "
July 1878	10	1	M	2.50 " "					
Jan. 1879	10	1	M	2.50 " "	Jan. 1883	10	1	M	2.50 " "
July 1879	10	1	M	2.00 " "		10	1	M	3.25 " "
Jan. 1880	10	1	M	2.00 " "	Average	10	2	M	2.87½ " "
	10	1	M	2.75 " "					
Average	10	2	M	2.37½ " "	July 1883	10	1	M	2.50 " "
						10	1	M	3.25 " "
July 1880	10	1	M	2.15 " "	Average	10	2	M	2.87½ " "
	10	1	M	2.75 " "					
Average	10	2	M	2.45 " "	Jan. 1884	10	1	M	2.50 " "
						10	1	M	3.25 " "
Jan. 1881	10	1	M	2.25 " "	Average	10	2	M	2.87½ " "
	10	1	M	3.00 " "					
Average	10	2	M	2.62½ " "	July 1884	10	1	M	2.50 " "
						10	1	M	3.25 " "
July 1881	10	1	M	2.30 " "	Average	10	2	M	2.87½ " "
	10	1	M	3.20 " "					
Average	10	2	M	2.75 " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

BLACKSMITHS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1885	10	1	M	$2.50 per day.	July 1888	10	1	M	$2.45 per day.
	10	1	M	3.25 " "		10	1	M	2.50 " "
						10	1	M	3.25 " "
Average	10	2	M	2.87½ " "	Average	10	3	M	2.73½ " "
July 1885	10	1	M	2.25 " "	Jan. 1889	10	1	M	2.40 " "
	10	1	M	3.25 " "		10	1	M	2.45 " "
						10	1	M	2.50 " "
Average	10	2	M	2.75 " "		10	1	M	3.25 " "
Jan. 1886	10	1	M	2.25 " "	Average	10	4	M	2.65 " "
	10	1	M	3.25 " "	July 1889	10	1	M	2.45 " "
Average	10	2	M	2.75 " "		10	1	M	2.50 " "
						10	1	M	3.25 " "
July 1886	10	2	M	2.25 " "	Average	10	3	M	2.73½ " "
	10	1	M	3.25 " "	Jan. 1890	10	1	M	2.45 " "
Average	10	3	M	2.58½ " "		10	1	M	2.50 " "
						10	1	M	3.25 " "
Jan. 1887	10	2	M	2.25 " "	Average	10	3	M	2.73½ " "
	10	1	M	3.25 " "	July 1890	10	1	M	2.50 " "
Average	10	3	M	2.58½ " "		10	1	M	2.75 " "
July 1887	10	1	M	2.45 " "	Average	10	2	M	2.62½ " "
	10	1	M	2.50 " "	Jan. 1891	10	1	M	2.50 " "
	10	1	M	3.25 " "		10	1	M	2.75 " "
Average	10	3	M	2.73½ " "	Average	10	2	M	2.62½ " "
Jan. 1888	10	1	M	2.40 " "	July 1891	10	1	M	2.50 " "
	10	1	M	2.50 " "		10	1	M	2.75 " "
	10	1	M	3.25 " "					
Average	10	3	M	2.71½ " "	Average	10	2	M	2.62½ " "

BLACKSMITHS' HELPERS.

Jan. 1881	10	1	M	1.60 per day.	Jan. 1885	10	2	M	1.60 per day.
July 1881	10	1	M	1.70 " "		10	1	M	1.85 " "
Jan. 1882	10	1	M	1.70 " "	Average	10	3	M	1.68½ " "
July 1882	10	1	M	1.50 " "	July 1885	10	3	M	1.50 " "
	10	1	M	1.60 " "	Jan. 1886	10	2	M	1.50 " "
	10	1	M	1.85 " "		10	1	M	1.60 " "
Average	10	3	M	1.65 " "	Average	10	3	M	1.53½ " "
Jan. 1883	10	1	M	1.50 " "	July 1886	10	3	M	1.50 " "
	10	1	M	1.60 " "		10	1	M	1.75 " "
	10	1	M	1.85 " "	Average	10	4	M	1.56½ " "
Average	10	3	M	1.65 " "	Jan. 1887	10	1	M	1.35 " "
July 1883	10	2	M	1.60 " "		10	3	M	1.50 " "
	10	1	M	1.85 " "		10	1	M	1.70 " "
Average	10	3	M	1.68½ " "	Average	10	5	M	1.51 " "
Jan. 1884	10	2	M	1.60 " "	July 1887	10	4	M	1.60 " "
	10	1	M	1.85 " "		10	1	M	1.80 " "
Average	10	3	M	1.68½ " "	Average	10	5	M	1.64 " "
July 1884	10	3	M	1.60 " "					
	10	1	M	1.85 " "					
Average	10	4	M	1.66½ " "					

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

BLACKSMITHS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1888	10	6	M	$1.60 per day.
	10	1	M	1.80 " "
Average	10	7	M	1.63 " "
July 1888	10	5	M	1.60 " "
	10	1	M	1.80 " "
Average	10	6	M	1.63½ " "
Jan. 1889	10	3	M	1.60 " "
	10	1	M	1.80 " "
Average	10	4	M	1.65 " "
July 1889	10	3	M	1.60 " "
	10	1	M	1.80 " "
Average	10	4	M	1.65 " "
Jan. 1890	10	3	M	$1.60 per day.
	10	1	M	1.80 " "
Average	10	4	M	1.65 " "
July 1890	10	2	M	1.60 " "
	10	1	M	2.00 " "
Average	10	3	M	1.73½ " "
Jan. 1891	10	1	M	1.60 " "
	10	1	M	1.80 " "
Average	10	2	M	1.70 " "
July 1891	10	1	M	1.60 " "
	10	1	M	2.00 " "
Average	10	2	M	1.80 " "

DRAUGHTSMEN.

Jan. 1870	10	1	M	1.75 per day.
July 1870	10	1	M	1.75 " "
Jan. 1871	10	1	M	1.75 " "
Jan. 1873	10	1	M	2.75 " "
July 1875	10	1	M	2.40 " "
July 1876	10	1	M	2.30 " "
Jan. 1877	10	1	M	2.30 " "
July 1877	10	1	M	2.30 " "
Jan. 1878	10	1	M	2.30 " "
July 1878	10	1	M	2.30 " "
Jan. 1879	10	1	M	2.30 " "
July 1879	10	1	M	2.30 " "
Jan. 1880	10	1	M	2.30 " "
July 1880	10	1	M	2.50 " "
Jan. 1881	10	1	M	2.50 " "
July 1881	10	1	M	2.62½ " "
Jan. 1882	10	1	M	1.80 " "
	10	1	M	2.62½ " "
Average	10	2	M	2.21¼ " "
July 1882	10	1	M	1.90 " "
	10	1	M	2.75 " "
Average	10	2	M	2.32½ " "
Jan. 1883	10	1	M	2.15 " "
	10	1	M	2.87½ " "
Average	10	2	M	2.51¼ " "
July 1883	10	1	M	2.25 " "
Jan. 1884	10	1	M	2.25 " "
	10	1	M	2.87½ " "
Average	10	2	M	2.56¼ " "
July 1884	10	1	M	2.25 " "
	10	1	M	2.87½ " "
Average	10	2	M	2.56¼ " "
Jan. 1885	10	1	M	2.25 " "
	10	1	M	2.87½ " "
Average	10	2	M	2.56¼ " "
July 1885	10	1	M	2.25 per day.
	10	1	M	2.87½ " "
Average	10	2	M	2.56¼ " "
Jan. 1886	10	1	M	2.25 " "
	10	1	M	2.87½ " "
Average	10	2	M	2.56¼ " "
July 1886	10	1	M	2.25 " "
	10	1	M	2.87½ " "
Average	10	2	M	2.56¼ " "
Jan. 1887	10	1	M	2.30 " "
	10	1	M	2.87½ " "
Average	10	2	M	2.58½ " "
July 1887	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	2	M	2.75 " "
Jan. 1888	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	2	M	2.75 " "
July 1888	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	2	M	2.75 " "
Jan. 1889	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	2	M	2.75 " "
July 1889	10	1	M	2.50 " "
	10	1	M	3.00 " "
Average	10	2	M	2.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

DRAUGHTSMEN—Concluded.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employes.	Sex.	Rate of wages.
Jan. 1890	10	1	M	$3.00 per day.	Jan. 1891	10	1	M	$3.00 per day.
	10	1	M	3.50 " "		10	1	M	3.50 " "
Average	10	2	M	3.25 " "	Average	10	2	M	3.25 " "
July 1890	10	1	M	3.00 " "	July 1891	10	1	M	3.00 " "
	10	1	M	3.50 " "		10	1	M	3.50 " "
Average	10	2	M	3.25 " "	Average	10	2	M	3.25 " "

ENGINEERS.

July 1873	10	1	M	2.25 per day.	Jan. 1884	10	1	M	2.00 per day.
July 1876	10	1	M	2.00 " "	July 1884	10	1	M	2.00 " "
Jan. 1877	10	1	M	2.00 " "	Jan. 1885	10	1	M	2.00 " "
July 1877	10	1	M	2.25 " "	July 1885	10	1	M	2.00 " "
Jan. 1878	10	1	M	2.50 " "	Jan. 1886	10	1	M	1.75 " "
July 1878	10	1	M	1.62 " "	July 1886	10	1	M	1.75 " "
Jan. 1879	10	1	M	1.33 " "	Jan. 1887	10	1	M	1.75 " "
July 1879	10	1	M	1.66 " "	July 1887	10	1	M	1.75 " "
Jan. 1880	10	1	M	1.66½ " "	Jan. 1888	10	1	M	1.90 " "
July 1880	10	1	M	1.80 " "	July 1888	10	1	M	1.90 " "
Jan. 1881	10	1	M	1.80 " "	Jan. 1889	10	1	M	1.90 " "
July 1881	10	1	M	1.80 " "	July 1889	10	1	M	2.00 " "
Jan. 1882	10	1	M	2.00 " "	Jan. 1890	10	1	M	2.00 " "
July 1882	10	1	M	2.00 " "	July 1890	10	1	M	2.00 " "
Jan. 1883	10	1	M	2.00 " "	Jan. 1891	10	1	M	2.00 " "
July 1883	10	1	M	2.00 " "	July 1891	10	1	M	2.00 " "

FOREMEN, MACHINISTS.

July 1864	10	2	M	4.00 per day.	July 1876	10	1	M	3.25 per day.
	10	1	M	5.00 " "	Jan. 1877	10	1	M	3.25 " "
					July 1877	10	1	M	3.25 " "
Average	10	3	M	4.33½ " "	Jan. 1878	10	1	M	3.25 " "
					July 1878	10	1	M	3.25 " "
Jan. 1865	10	2	M	4.00 " "	Jan. 1879	10	1	M	3.75 " "
	10	1	M	5.00 " "	July 1879	10	1	M	3.75 " "
					Jan. 1880	10	1	M	3.75 " "
Average	10	3	M	4.33½ " "	July 1880	10	1	M	3.75 " "
					Jan. 1881	10	1	M	4.00 " "
July 1865	10	2	M	4.00 " "	July 1881	10	1	M	4.00 " "
	10	1	M	5.00 " "	Jan. 1882	10	1	M	4.00 " "
					July 1882	10	1	M	4.00 " "
Average	10	3	M	4.33½ " "	Jan. 1883	10	1	M	4.00 " "
					July 1883	10	1	M	4.75 " "
					Jan. 1884	10	1	M	4.75 " "
Jan. 1866	10	1	M	3.00 " "	July 1884	10	1	M	4.75 " "
July 1866	10	3	M	3.00 " "	Jan. 1885	10	1	M	4.75 " "
Jan. 1867	10	1	M	3.00 " "	July 1885	10	1	M	4.75 " "
July 1867	10	2	M	3.00 " "	Jan. 1886	10	1	M	4.75 " "
Jan. 1868	10	2	M	3.00 " "	July 1886	10	1	M	4.75 " "
July 1868	10	1	M	2.87½ " "	Jan. 1887	10	1	M	4.75 " "
Jan. 1869	10	1	M	2.87½ " "	July 1887	10	1	M	4.75 " "
July 1869	10	1	M	3.00 " "	Jan. 1888	10	1	M	4.75 " "
Jan. 1870	10	1	M	3.00 " "	July 1888	10	1	M	4.75 " "
July 1870	10	1	M	3.00 " "	Jan. 1889	10	1	M	4.75 " "
Jan. 1871	10	1	M	2.87½ " "	July 1889	10	1	M	4.75 " "
Jan. 1873	10	1	M	3.00 " "	Jan. 1890	10	1	M	4.75 " "
July 1873	10	1	M	3.25 " "	July 1890	10	1	M	4.75 " "
Jan. 1874	10	1	M	3.25 " "	Jan. 1891	10	1	M	4.75 " "
July 1875	10	1	M	3.25 " "	July 1891	10	1	M	4.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

FOREMEN, PATTERNMAKERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1885	10	1	M	$3.50 per day.	Jan. 1889	10	1	M	$4.00 per day.
July 1885	10	1	M	3.50 " "	July 1889	10	1	M	4.00 " "
July 1886	10	1	M	3.50 " "	Jan. 1890	10	1	M	4.00 " "
Jan. 1887	10	1	M	3.50 " "	July 1890	10	1	M	4.00 " "
July 1887	10	1	M	4.00 " "	Jan. 1891	10	1	M	4.00 " "
Jan. 1888	10	1	M	4.00 " "	July 1891	10	1	M	4.00 " "
July 1888	10	1	M	4.00 " "					

MACHINISTS.

Jan. 1851	10	4	M	1.25 per day.	Jan. 1855	10	1	M	1.25 per day.
	10	1	M	1.37½ " "		10	2	M	1.50 " "
	10	4	M	1.50 " "		10	3	M	1.75 " "
	10	1	M	1.75 " "		10	11	M	2.00 " "
	10	3	M	2.00 " "		10	4	M	2.25 " "
	10	1	M	2.25 " "		10	2	M	2.50 " "
Average	10	14	M	1.60 " "	Average	10	23	M	1.98 " "
July 1851	10	1	M	1.25 " "	July 1855	10	12	M	2.50 " "
	10	6	M	1.50 " "					
	10	4	M	2.00 " "	Jan. 1856	10	37	M	2.00 " "
						10	1	M	2.50 " "
Average	10	11	M	1.66 " "	Average	10	38	M	2.01½ " "
Jan. 1852	10	7	M	1.25 " "					
	10	4	M	1.50 " "					
	10	2	M	1.75 " "	July 1856	10	40	M	2.00 " "
	10	2	M	2.00 " "	Jan. 1857	10	30	M	2.00 " "
	10	1	M	2.75 " "					
					July 1857	10	32	M	2.00 " "
Average	10	16	M	1.56½ " "		10	2	M	2.25 " "
July 1852	10	1	M	1.25 " "	Average	10	34	M	2.01½ " "
	10	14	M	1.50 " "					
	10	2	M	1.75 " "	Jan. 1858	10	1	M	1.25 " "
	10	13	M	2.00 " "		10	4	M	1.50 " "
	10	1	M	2.25 " "		10	8	M	1.75 " "
						10	1	M	2.00 " "
Average	10	31	M	1.74 " "		10	1	M	2.25 " "
Jan. 1853	10	4	M	1.25 " "	Average	10	15	M	1.70 " "
	10	11	M	1.50 " "					
	10	6	M	1.75 " "	Jan. 1859	10	4	M	1.25 " "
	10	14	M	2.00 " "		10	2	M	1.37½ " "
	10	2	M	2.50 " "		10	6	M	1.50 " "
						10	1	M	2.00 " "
Average	10	37	M	1.75½ " "	Average	10	13	M	1.44 " "
July 1853	10	12	M	1.50 " "					
	10	2	M	1.75 " "	July 1859	10	16	M	1.25 " "
	10	8	M	2.00 " "		10	3	M	1.37½ " "
	10	1	M	2.50 " "		10	6	M	1.50 " "
						10	3	M	2.00 " "
Average	10	23	M	1.74 " "	Average	10	28	M	1.39½ " "
Jan. 1854	10	2	M	1.25 " "					
	10	12	M	1.50 " "	Jan. 1860	10	2	M	1.25 " "
	10	2	M	1.75 " "		10	8	M	1.37½ " "
	10	7	M	2.00 " "		10	9	M	1.50 " "
						10	2	M	1.62½ " "
Average	10	23	M	1.65 " "		10	4	M	1.75 " "
July 1854	10	1	M	1.25 " "	Average	10	25	M	1.49 " "
	10	6	M	1.50 " "					
	10	4	M	1.75 " "	July 1860	10	6	M	1.25 " "
	10	11	M	2.00 " "		10	4	M	1.37½ " "
	10	2	M	2.25 " "		10	3	M	1.50 " "
	10	2	M	2.50 " "		10	3	M	1.62½ " "
	10	1	M	3.00 " "		10	1	M	2.00 " "
Average	10	27	M	1.91½ " "	Average	10	17	M	1.43½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1861	10	2	M	$1.25 per day.
	10	5	M	1.37½ " "
	10	9	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	2.00 " "
Average	10	18	M	1.47 " "
July 1861	10	3	M	1.25 " "
	10	3	M	1.37½ " "
	10	9	M	1.50 " "
	10	2	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.25 " "
Average	10	20	M	1.52 " "
Jan. 1862	10	6	M	1.37½ " "
	10	21	M	1.50 " "
	10	3	M	1.62½ " "
	10	4	M	1.75 " "
	10	1	M	2.25 " "
Average	10	35	M	1.54 " "
July 1862	10	8	M	1.50 " "
	10	1	M	1.62½ " "
	10	9	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.00 " "
	10	1	M	2.62½ " "
Average	10	22	M	1.72 " "
Jan. 1863	10	4	M	1.50 " "
	10	1	M	1.62½ " "
	10	7	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.00 " "
Average	10	15	M	1.71½ " "
July 1863	10	1	M	1.50 " "
	10	1	M	1.75 " "
Average	10	2	M	1.62½ " "
Jan. 1864	10	1	M	3.50 " "
July 1864	10	7	M	1.50 " "
	10	8	M	1.62½ " "
	10	3	M	1.75 " "
	10	2	M	2.00 " "
	10	1	M	2.12½ " "
	10	3	M	2.25 " "
	10	1	M	2.37½ " "
	10	18	M	2.50 " "
	10	6	M	2.62½ " "
	10	1	M	2.67½ " "
	10	9	M	2.75 " "
	10	3	M	3.00 " "
	10	1	M	3.50 " "
Average	10	63	M	2.29½ " "
Jan. 1865	10	7	M	1.50 " "
	10	7	M	1.62½ " "
	10	4	M	1.75 " "
	10	1	M	2.12½ " "
	10	3	M	2.25 " "
	10	1	M	2.37½ " "
	10	15	M	2.50 " "
	10	9	M	2.62½ " "
Jan. 1865–conc'd.	10	14	M	$2.75 per day.
	10	4	M	3.00 " "
Average	10	65	M	2.33½ " "
July 1865	10	5	M	1.50 " "
	10	6	M	1.62½ " "
	10	3	M	1.75 " "
	10	2	M	1.87½ " "
	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	5	M	2.25 " "
	10	1	M	2.37½ " "
	10	10	M	2.50 " "
	10	4	M	2.62½ " "
	10	14	M	2.75 " "
	10	5	M	2.87½ " "
	10	4	M	3.00 " "
Average	10	61	M	2.36½ " "
Jan. 1866	10	3	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	2.25 " "
	10	4	M	2.37½ " "
	10	8	M	2.50 " "
	10	8	M	2.62½ " "
	10	15	M	2.75 " "
	10	2	M	2.87½ " "
Average	10	43	M	2.50½ " "
July 1866	10	3	M	1.50 " "
	10	2	M	1.75 " "
	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	7	M	2.50 " "
	10	13	M	2.62½ " "
	10	21	M	2.75 " "
	10	6	M	2.87½ " "
Average	10	54	M	2.57 " "
Jan. 1867	10	1	M	1.62½ " "
	10	2	M	1.75 " "
	10	1	M	2.12½ " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	10	M	2.50 " "
	10	13	M	2.62½ " "
	10	15	M	2.75 " "
	10	6	M	2.87½ " "
Average	10	50	M	2.59 " "
July 1867	10	1	M	1.75 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
	10	2	M	2.62½ " "
	10	18	M	2.75 " "
	10	1	M	2.87½ " "
Average	10	24	M	2.67 " "
Jan. 1868	10	1	M	2.40 " "
	10	4	M	2.50 " "
	10	1	M	2.60 " "
	10	2	M	2.62½ " "
	10	5	M	2.70 " "
	10	1	M	2.75 " "
	10	1	M	2.87½ " "
Average	10	15	M	2.62½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868	10	2	M	$2.37½ per day.
	10	3	M	2.40 " "
	10	10	M	2.50 " "
	10	1	M	2.60 " "
	10	1	M	2.65 " "
	10	2	M	2.70 " "
	10	6	M	2.75 " "
	10	2	M	2.87½ " "
Average	10	27	M	2.58½ " "
Jan. 1869	10	1	M	1.75 " "
	10	2	M	2.50 " "
	10	4	M	2.70 " "
	10	5	M	2.75 " "
	10	1	M	2.87½ " "
Average	10	13	M	2.63 " "
July 1869	10	1	M	1.75 " "
	10	1	M	2.25 " "
	10	1	M	2.37½ " "
	10	4	M	2.50 " "
	10	1	M	2.62½ " "
	10	1	M	2.65 " "
	10	2	M	2.70 " "
	10	7	M	2.75 " "
	10	2	M	2.87½ " "
Average	10	20	M	2.60½ " "
Jan. 1870	10	5	M	2.00 " "
	10	1	M	2.12½ " "
	10	2	M	2.20 " "
	10	9	M	2.25 " "
	10	1	M	2.37½ " "
	10	9	M	2.50 " "
	10	1	M	2.60 " "
	10	5	M	2.62½ " "
	10	2	M	2.70 " "
	10	7	M	2.75 " "
	10	3	M	2.87½ " "
Average	10	45	M	2.46 " "
July 1870	10	1	M	2.12½ " "
	10	2	M	2.20 " "
	10	10	M	2.25 " "
	10	2	M	2.37½ " "
	10	11	M	2.50 " "
	10	1	M	2.60 " "
	10	2	M	2.62½ " "
	10	1	M	2.65 " "
	10	1	M	2.70 " "
	10	6	M	2.75 " "
	10	3	M	2.87½ " "
Average	10	40	M	2.49 " "
Jan. 1871	10	1	M	2.12½ " "
	10	2	M	2.20 " "
	10	8	M	2.25 " "
	10	1	M	2.37½ " "
	10	10	M	2.50 " "
	10	3	M	2.60 " "
	10	1	M	2.62½ " "
	10	1	M	2.65 " "
	10	1	M	2.70 " "
	10	4	M	2.75 " "
	10	2	M	2.87½ " "
Average	10	34	M	2.48½ " "
Jan. 1873	10	3	M	1.50 " "
	10	1	M	1.65 " "
Jan. 1873—conc'd.	10	1	M	$1.70 per day.
	10	3	M	1.75 " "
	10	2	M	2.00 " "
	10	4	M	2.50 " "
	10	1	M	2.60 " "
	10	5	M	2.65 " "
	10	4	M	2.75 " "
	10	1	M	2.87½ " "
Average	10	25	M	2.27½ " "
July 1873	10	4	M	1.75 " "
	10	1	M	1.80 " "
	10	3	M	2.00 " "
	10	1	M	2.25 " "
	10	2	M	2.50 " "
	10	1	M	2.60 " "
	10	5	M	2.65 " "
	10	3	M	2.75 " "
	10	1	M	2.85 " "
	10	1	M	2.87½ " "
	10	1	M	3.00 " "
Average	10	23	M	2.38½ " "
Jan. 1874	10	2	M	2.00 " "
	10	2	M	2.50 " "
	10	2	M	2.62½ " "
Average	10	6	M	2.37½ " "
July 1875	10	1	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	2	M	2.40 " "
Average	10	7	M	2.28½ " "
July 1876	10	1	M	1.60 " "
	10	2	M	2.00 " "
	10	1	M	2.12½ " "
	10	1	M	2.15 " "
	10	1	M	2.20 " "
	10	1	M	2.25 " "
	10	4	M	2.30 " "
	10	1	M	3.25 " "
Average	10	12	M	2.23 " "
Jan. 1877	10	1	M	1.75 " "
	10	1	M	2.12½ " "
	10	1	M	2.15 " "
	10	4	M	2.30 " "
Average	10	7	M	2.17½ " "
July 1877	10	3	M	1.75 " "
	10	1	M	1.80 " "
	10	1	M	1.87½ " "
	10	4	M	1.90 " "
	10	6	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.12½ " "
Average	10	18	M	1.93½ " "
Jan. 1878	10	1	M	1.50 " "
	10	1	M	1.70 " "
	10	11	M	1.75 " "
	10	4	M	1.80 " "
	10	1	M	1.85 " "
	10	1	M	1.87½ " "
	10	9	M	1.90 " "
	10	3	M	2.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1878-conc'd.	10	4	M	$2.10 per day.
	10	2	M	2.12½ " "
Average	10	37	M	1.87 " "
July 1878	10	2	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	1.90 " "
	10	4	M	2.00 " "
	10	4	M	2.10 " "
	10	1	M	2.25 " "
Average	10	14	M	1.98½ " "
Jan. 1879	10	1	M	1.50 " "
	10	1	M	1.65 " "
	10	5	M	1.70 " "
	10	5	M	1.75 " "
	10	1	M	1.87½ " "
	10	9	M	1.90 " "
	10	7	M	2.00 " "
	10	3	M	2.10 " "
	10	2	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	36	M	1.91 " "
July 1879	10	3	M	1.75 " "
	10	2	M	1.80 " "
	10	1	M	1.85 " "
	10	2	M	1.90 " "
	10	4	M	2.00 " "
	10	1	M	2.10 " "
	10	5	M	2.20 " "
	10	1	M	2.25 " "
	10	1	M	2.50 " "
Average	10	20	M	2.01½ " "
Jan. 1880	10	2	M	1.70 " "
	10	5	M	1.75 " "
	10	1	M	1.80 " "
	10	5	M	1.85 " "
	10	3	M	1.90 " "
	10	14	M	2.00 " "
	10	1	M	2.10 " "
	10	4	M	2.20 " "
	10	1	M	2.30 " "
	10	1	M	2.40 " "
	10	1	M	2.60 " "
Average	10	38	M	1.97½ " "
July 1880	10	2	M	1.60 " "
	10	1	M	1.62½ " "
	10	1	M	1.75 " "
	10	1	M	1.85 " "
	10	4	M	1.90 " "
	10	5	M	2.00 " "
	10	5	M	2.10 " "
	10	4	M	2.15 " "
	10	10	M	2.20 " "
	10	3	M	2.25 " "
	10	1	M	2.30 " "
	10	4	M	2.45 " "
	10	2	M	2.50 " "
Average	10	43	M	2.11½ " "
Jan. 1881	10	2	M	1.80 " "
	10	1	M	1.85 " "
	10	1	M	1.90 " "
	10	3	M	2.00 " "
	10	7	M	2.10 " "
Jan. 1881-conc'd.	10	4	M	$2.15 per day.
	10	5	M	2.20 " "
	10	8	M	2.25 " "
	10	4	M	2.30 " "
	10	5	M	2.35 " "
	10	2	M	2.45 " "
	10	5	M	2.50 " "
	10	1	M	2.65 " "
Average	10	48	M	2.22 " "
July 1881	10	1	M	1.85 " "
	10	1	M	2.00 " "
	10	1	M	2.10 " "
	10	3	M	2.25 " "
	10	2	M	2.30 " "
	10	4	M	2.35 " "
	10	4	M	2.40 " "
	10	2	M	2.45 " "
	10	4	M	2.50 " "
	10	2	M	2.60 " "
	10	2	M	2.62½ " "
	10	1	M	2.80 " "
Average	10	27	M	2.38½ " "
Jan. 1882	10	2	M	1.85 " "
	10	2	M	2.00 " "
	10	2	M	2.10 " "
	10	1	M	2.20 " "
	10	2	M	2.30 " "
	10	4	M	2.35 " "
	10	7	M	2.40 " "
	10	2	M	2.45 " "
	10	8	M	2.50 " "
	10	4	M	2.60 " "
	10	2	M	2.70 " "
	10	1	M	3.00 " "
Average	10	37	M	2.39½ " "
July 1882	10	1	M	1.75 " "
	10	3	M	2.00 " "
	10	1	M	2.20 " "
	10	4	M	2.25 " "
	10	1	M	2.30 " "
	10	6	M	2.35 " "
	10	4	M	2.40 " "
	10	2	M	2.45 " "
	10	7	M	2.50 " "
	10	3	M	2.60 " "
	10	5	M	2.70 " "
	10	2	M	2.75 " "
	10	1	M	2.80 " "
	10	1	M	3.00 " "
Average	10	41	M	2.44 " "
Jan. 1883	10	4	M	1.75 " "
	10	4	M	2.25 " "
	10	3	M	2.35 " "
	10	8	M	2.40 " "
	10	2	M	2.45 " "
	10	10	M	2.50 " "
	10	6	M	2.70 " "
	10	1	M	2.80 " "
	10	2	M	2.87½ " "
	10	1	M	3.00 " "
Average	10	41	M	2.43½ " "
July 1883	10	3	M	2.00 " "
	10	2	M	2.35 " "
	10	1	M	2.37½ " "
	10	4	M	2.40 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1883–conc'd.	10	2	M	$2.45 per day.
	10	7	M	2.50 " "
	10	1	M	2.60 " "
	10	6	M	2.70 " "
	10	1	M	2.85 " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	29	M	2.51½ " "
Jan. 1884	10	1	M	2.00 " "
	10	1	M	2.10 " "
	10	3	M	2.20 " "
	10	3	M	2.25 " "
	10	4	M	2.35 " "
	10	2	M	2.40 " "
	10	3	M	2.45 " "
	10	15	M	2.50 " "
	10	1	M	2.60 " "
	10	6	M	2.70 " "
	10	1	M	2.85 " "
	10	1	M	2.87½ " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	43	M	2.49½ " "
July 1884	10	1	M	1.87½ " "
	10	1	M	2.10 " "
	10	2	M	2.20 " "
	10	2	M	2.30 " "
	10	2	M	2.35 " "
	10	3	M	2.40 " "
	10	2	M	2.45 " "
	10	7	M	2.50 " "
	10	2	M	2.60 " "
	10	5	M	2.70 " "
	10	1	M	2.85 " "
	10	1	M	2.87½ " "
	10	1	M	3.25 " "
Average	10	30	M	2.50 " "
Jan. 1885	10	1	M	2.20 " "
	10	2	M	2.25 " "
	10	1	M	2.30 " "
	10	1	M	2.35 " "
	10	3	M	2.40 " "
	10	2	M	2.45 " "
	10	6	M	2.50 " "
	10	1	M	2.60 " "
	10	5	M	2.70 " "
	10	1	M	2.85 " "
	10	1	M	2.87½ " "
	10	1	M	3.00 " "
	10	1	M	3.25 " "
Average	10	26	M	2.56 " "
July 1885	10	1	M	2.30 " "
	10	5	M	2.40 " "
	10	2	M	2.50 " "
Average	10	8	M	2.41½ " "
Jan. 1886	10	2	M	1.60 " "
	10	1	M	2.10 " "
	10	1	M	2.25 " "
	10	4	M	2.30 " "
	10	5	M	2.40 " "
	10	5	M	2.50 " "
Average	10	18	M	2.29 " "
July 1886	10	1	M	1.75 " "
	10	1	M	1.87½ " "
July 1886–conc'd.	10	1	M	$2.00 per day.
	10	1	M	2.10 " "
	10	3	M	2.20 " "
	10	7	M	2.25 " "
	10	6	M	2.30 " "
	10	8	M	2.40 " "
	10	2	M	2.50 " "
	10	1	M	2.62½ " "
	10	1	M	2.87½ " "
Average	10	32	M	2.30 " "
Jan. 1887	10	1	M	1.75 " "
	10	1	M	1.87½ " "
	10	2	M	2.00 " "
	10	2	M	2.10 " "
	10	3	M	2.20 " "
	10	10	M	2.25 " "
	10	7	M	2.30 " "
	10	11	M	2.40 " "
	10	2	M	2.50 " "
	10	1	M	2.87½ " "
	10	1	M	3.00 " "
Average	10	41	M	2.30 " "
July 1887	10	1	M	1.75 " "
	10	4	M	2.00 " "
	10	1	M	2.20 " "
	10	10	M	2.25 " "
	10	9	M	2.30 " "
	10	4	M	2.35 " "
	10	7	M	2.40 " "
	10	5	M	2.45 " "
	10	7	M	2.50 " "
	10	5	M	2.55 " "
	10	1	M	2.75 " "
	10	1	M	3.00 " "
Average	10	55	M	2.35½ " "
Jan. 1888	10	2	M	1.75 " "
	10	1	M	1.90 " "
	10	8	M	2.00 " "
	10	2	M	2.20 " "
	10	13	M	2.25 " "
	10	7	M	2.30 " "
	10	6	M	2.35 " "
	10	10	M	2.40 " "
	10	6	M	2.45 " "
	10	12	M	2.50 " "
	10	6	M	2.55 " "
	10	1	M	2.65 " "
	10	1	M	3.00 " "
Average	10	75	M	2.33 " "
July 1888	10	1	M	1.90 " "
	10	5	M	2.00 " "
	10	1	M	2.15 " "
	10	1	M	2.20 " "
	10	4	M	2.25 " "
	10	6	M	2.30 " "
	10	3	M	2.35 " "
	10	8	M	2.40 " "
	10	9	M	2.45 " "
	10	8	M	2.50 " "
	10	4	M	2.55 " "
	10	1	M	2.65 " "
	10	1	M	3.00 " "
Average	10	52	M	2.37 " "
Jan. 1889	10	1	M	1.90 " "
	10	3	M	2.10 " "
	10	1	M	2.15 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1889–conc'd.	10	3	M	$2.20 per day.	July 1890	10	1	M	$2.20 per day.
	10	2	M	2.25 " "		10	4	M	2.25 " "
	10	7	M	2.30 " "		10	5	M	2.30 " "
	10	6	M	2.35 " "		10	2	M	2.35 " "
	10	8	M	2.40 " "		10	8	M	2.40 " "
	10	9	M	2.45 " "		10	3	M	2.45 " "
	10	15	M	2.50 " "		10	15	M	2.50 " "
	10	4	M	2.55 " "		10	8	M	2.55 " "
	10	2	M	2.65 " "		10	1	M	2.65 " "
	10	2	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	3.00 " "		10	1	M	3.50 " "
Average	10	64	M	2.41½ " "	Average	10	49	M	2.46½ " "
July 1889	10	1	M	2.00 " "					
	10	1	M	2.10 " "	Jan. 1891	10	1	M	2.20 " "
	10	1	M	2.20 " "		10	2	M	2.25 " "
	10	3	M	2.35 " "		10	1	M	2.35 " "
	10	3	M	2.40 " "		10	3	M	2.40 " "
	10	5	M	2.45 " "		10	2	M	2.45 " "
	10	7	M	2.50 " "		10	12	M	2.50 " "
	10	4	M	2.55 " "		10	8	M	2.55 " "
	10	1	M	2.65 " "		10	1	M	2.75 " "
	10	1	M	2.75 " "		10	1	M	3.50 " "
	10	1	M	3.00 " "					
Average	10	28	M	2.46 " "	Average	10	31	M	2.51 " "
Jan. 1890	10	1	M	2.00 " "	July 1891	10	2	M	2.00 " "
	10	4	M	2.20 " "		10	1	M	2.20 " "
	10	3	M	2.25 " "		10	2	M	2.25 " "
	10	3	M	2.30 " "		10	1	M	2.35 " "
	10	6	M	2.35 " "		10	1	M	2.40 " "
	10	6	M	2.40 " "		10	8	M	2.50 " "
	10	4	M	2.45 " "		10	5	M	2.55 " "
	10	17	M	2.50 " "		10	1	M	2.60 " "
	10	4	M	2.55 " "		10	1	M	2.62½ " "
	10	2	M	2.65 " "		10	1	M	2.65 " "
	10	1	M	2.75 " "		10	1	M	2.75 " "
	10	1	M	3.50 " "		10	1	M	3.50 " "
Average	10	52	M	2.44 " "	Average	10	25	M	2.49½ " "

MACHINISTS' APPRENTICES.

Jan. 1851	10	2	M	.75 per day.	Jan. 1857	10	1	M	.75 per day.
	10	1	M	.87½ " "		10	3	M	.87½ " "
						10	1	M	1.00 " "
Average	10	3	M	.79 " "	Average	10	5	M	.87½ " "
Jan. 1852	10	1	M	.40 " "					
	10	1	M	.87½ " "	July 1858	10	3	M	.58 " "
	10	1	M	1.00 " "	Jan. 1859	10	3	M	.58 " "
Average	10	3	M	.76 " "	July 1859	10	1	M	.40 " "
						10	1	M	.42 " "
July 1852	10	1	M	.50 " "		10	1	M	.50 " "
Jan. 1853	10	1	M	.50 " "		10	3	M	.58 " "
						10	1	M	.62½ " "
July 1853	10	1	M	.50 " "		10	5	M	.75 " "
	10	2	M	1.00 " "		10	4	M	.87½ " "
Average	10	3	M	.83½ " "	Average	10	16	M	.68½ " "
Jan. 1854	10	2	M	1.00 " "	Jan. 1860	10	2	M	.50 " "
July 1854	10	3	M	1.00 " "		10	5	M	1.00 " "
Jan. 1855	10	3	M	.75 " "	Average	10	7	M	.85½ " "
	10	1	M	1.00 " "					
					July 1860	10	4	M	.50 " "
Average	10	4	M	.81½ " "		10	1	M	.58 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1860–cond.	10	1	M	$0.62 per day.
	10	1	M	.66 " "
	10	1	M	.87½ " "
	10	1	M	1.00 " "
Average	10	9	M	.63½ " "
Jan. 1861	10	4	M	.50 " "
	10	1	M	.58 " "
	10	4	M	.75 " "
	10	4	M	1.00 " "
Average	10	13	M	.73½ " "
July 1861	10	2	M	.50 " "
	10	1	M	.66 " "
	10	3	M	1.00 " "
Average	10	6	M	.77½ " "
Jan. 1862	10	1	M	.50 " "
	10	1	M	.58 " "
	10	1	M	.87½ " "
	10	4	M	1.00 " "
Average	10	7	M	.85 " "
July 1862	10	1	M	.37½ " "
	10	1	M	.87½ " "
	10	2	M	1.00 " "
Average	10	4	M	.81½ " "
Jan. 1863	10	1	M	.37½ " "
	10	1	M	.58 " "
	10	1	M	.87½ " "
	10	2	M	1.00 " "
Average	10	5	M	.76½ " "
July 1864	10	1	M	.33 " "
	10	1	M	.50 " "
	10	2	M	.58 " "
	10	1	M	.62 " "
	10	1	M	.66½ " "
	10	3	M	.75 " "
	10	3	M	1.00 " "
Average	10	12	M	.71 " "
Jan. 1865	10	1	M	.33 " "
	10	1	M	.50 " "
	10	2	M	.58 " "
	10	1	M	.62 " "
	10	1	M	.66½ " "
	10	2	M	.75 " "
	10	4	M	1.00 " "
Average	10	12	M	.73 " "
July 1865	10	1	M	.33 " "
	10	1	M	.50 " "
	10	2	M	.58 " "
	10	1	M	.62 " "
	10	2	M	.75 " "
	10	1	M	.83 " "
	10	1	M	1.00 " "
Average	10	9	M	.66 " "
Jan. 1866	10	1	M	.50 " "
	10	1	M	.92 " "
	10	1	M	1.00 " "
Average	10	3	M	.80½ " "
July 1866	10	2	M	$0.50 per day.
	10	2	M	.60 " "
	10	2	M	.75 " "
	10	2	M	.92 " "
Average	10	8	M	.69½ " "
Jan. 1867	10	1	M	.35 " "
	10	1	M	.50 " "
	10	1	M	.60 " "
	10	3	M	.75 " "
	10	1	M	1.00 " "
Average	10	7	M	.67 " "
July 1867	10	5	M	.60 " "
	10	6	M	.75 " "
Average	10	11	M	.68 " "
Jan. 1868	10	3	M	.75 " "
	10	1	M	.83 " "
	10	5	M	.92 " "
	10	1	M	1.00 " "
	10	4	M	1.08 " "
Average	10	14	M	.93 " "
July 1868	10	3	M	.75 " "
	10	5	M	.92 " "
	10	1	M	1.00 " "
	10	2	M	1.08 " "
Average	10	11	M	.91 " "
Jan. 1869	10	1	M	.50 " "
	10	1	M	.92 " "
	10	3	M	1.00 " "
	10	4	M	1.08 " "
Average	10	9	M	.97 " "
July 1869	10	1	M	.50 " "
	10	5	M	1.00 " "
	10	5	M	1.08 " "
Average	10	11	M	.99 " "
Jan. 1870	10	1	M	.50 " "
	10	1	M	.67 " "
	10	1	M	.75 " "
	10	1	M	1.00 " "
	10	2	M	1.08 " "
Average	10	6	M	.84½ " "
July 1870	10	3	M	.50 " "
	10	1	M	.67 " "
	10	1	M	.75 " "
	10	1	M	1.00 " "
	10	2	M	1.08 " "
Average	10	8	M	.76 " "
Jan. 1871	10	3	M	.50 " "
	10	1	M	.67 " "
	10	2	M	.75 " "
Average	10	6	M	.61 " "
Jan. 1873	10	1	M	.85 " "
Jan. 1874	10	1	M	.66 " "
July 1875	10	1	M	.75 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1876	10	1	M	$0.33 per day.
	10	1	M	.42 " "
	10	1	M	.87½ " "
Average	10	3	M	.54 " "
Jan. 1877	10	1	M	.42 " "
	10	1	M	.56 " "
	10	1	M	.87½ " "
Average	10	3	M	.62 " "
July 1877	10	1	M	.37½ " "
	10	1	M	.50 " "
	10	1	M	.56 " "
	10	1	M	.62 " "
	10	1	M	.87½ " "
Average	10	5	M	.58½ " "
Jan. 1878	10	1	M	.42 " "
	10	1	M	.50 " "
	10	1	M	.58 " "
	10	1	M	.75 " "
Average	10	4	M	.56½ " "
July 1878	10	1	M	.42 " "
	10	1	M	.50 " "
	10	1	M	.58 " "
Average	10	3	M	.50 " "
Jan. 1879	10	1	M	.50 " "
	10	1	M	.56 " "
	10	1	M	.65 " "
	10	1	M	.75 " "
	10	2	M	1.00 " "
Average	10	6	M	.74½ " "
July 1879	10	1	M	.37 " "
	10	1	M	.50 " "
	10	2	M	.62 " "
	10	4	M	.75 " "
	10	1	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	11	M	.73½ " "
Jan. 1880	10	2	M	.50 " "
	10	1	M	.55 " "
	10	3	M	.60 " "
	10	2	M	.70 " "
	10	1	M	.75 " "
	10	3	M	1.00 " "
	10	1	M	1.15 " "
Average	10	13	M	.74 " "
July 1880	10	5	M	.60 " "
	10	2	M	.75 " "
	10	1	M	.90 " "
	10	3	M	1.00 " "
	10	1	M	1.12½ " "
Average	10	12	M	.79½ " "
Jan. 1881	10	1	M	.50 " "
	10	1	M	.60 " "
	10	1	M	.70 " "
	10	3	M	.75 " "
	10	1	M	.80 " "
	10	3	M	.90 " "
	10	1	M	1.00 " "
Jan. 1881–conc'd.	10	1	M	$1.12½ per day.
	10	1	M	1.25 " "
Average	10	13	M	.84 " "
July 1881	10	1	M	.50 " "
	10	1	M	.60 " "
	10	1	M	.85 " "
	10	4	M	1.00 " "
	10	1	M	1.10 " "
	10	2	M	1.25 " "
Average	10	10	M	.95½ " "
Jan. 1882	10	3	M	.50 " "
	10	1	M	.70 " "
	10	2	M	1.20 " "
	10	4	M	1.25 " "
Average	10	10	M	.96 " "
July 1882	10	1	M	.42 " "
	10	1	M	.50 " "
	10	1	M	.60 " "
	10	1	M	.65 " "
	10	1	M	.70 " "
	10	1	M	.85 " "
	10	1	M	.90 " "
Average	10	7	M	.66 " "
Jan. 1883	10	5	M	.50 " "
	10	2	M	.70 " "
	10	2	M	.80 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
Average	10	11	M	.71 " "
July 1883	10	2	M	.42 " "
	10	4	M	.60 " "
	10	2	M	.70 " "
	10	1	M	.80 " "
	10	1	M	.90 " "
	10	1	M	1.25 " "
Average	10	11	M	.69 " "
Jan. 1884	10	1	M	.50 " "
	10	2	M	.60 " "
	10	2	M	.70 " "
	10	3	M	.80 " "
	10	1	M	.90 " "
	10	1	M	1.00 " "
	10	1	M	1.30 " "
Average	10	11	M	.79 " "
July 1884	10	3	M	.60 " "
	10	1	M	.70 " "
	10	1	M	.80 " "
	10	3	M	.90 " "
	10	1	M	1.10 " "
	10	1	M	1.30 " "
Average	10	10	M	.84 " "
Jan. 1885	10	1	M	.60 " "
	10	1	M	.70 " "
	10	2	M	.75 " "
	10	1	M	.80 " "
	10	1	M	.90 " "
	10	3	M	1.00 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1885–conc'd.	10	1	M	$1.25 per day.
	10	1	M	1.30 " "
Average	10	11	M	.91½ " "
July 1885	10	1	M	.70 " "
	10	2	M	.75 " "
	10	1	M	.80 " "
	10	2	M	.90 " "
	10	3	M	1.10 " "
Average	10	9	M	.90 " "
Jan. 1886	10	3	M	.75 " "
	10	1	M	.80 " "
	10	2	M	.90 " "
	10	3	M	1.10 " "
Average	10	9	M	.90½ " "
July 1886	10	1	M	.50 " "
	10	2	M	.65 " "
	10	1	M	.70 " "
	10	1	M	.80 " "
	10	3	M	1.00 " "
	10	1	M	1.25 " "
Average	10	9	M	.84 " "
Jan. 1887	10	2	M	.50 " "
	10	1	M	.70 " "
	10	1	M	.75 " "
	10	1	M	.80 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
Average	10	7	M	.79½ " "
July 1887	10	1	M	.50 " "
	10	1	M	.60 " "
	10	2	M	.75 " "
	10	1	M	1.00 " "
	10	1	M	1.20 " "
Average	10	6	M	.80 " "
Jan. 1888	10	2	M	.50 " "
	10	2	M	.75 " "
	10	1	M	1.25 " "
Average	10	5	M	.75 " "
July 1888	10	1	M	.60 " "
	10	1	M	.67 " "
	10	1	M	.75 " "
July 1888–conc'd.	10	1	M	$1.00 per day.
	10	1	M	1.10 " "
Average	10	5	M	.82½ " "
Jan. 1889	10	1	M	.50 " "
	10	1	M	.55 " "
	10	1	M	.75 " "
	10	1	M	.80 " "
	10	1	M	1.10 " "
	10	1	M	1.20 " "
Average	10	6	M	.81½ " "
July 1889	10	1	M	.50 " "
	10	1	M	.70 " "
	10	1	M	.75 " "
	10	1	M	.80 " "
	10	1	M	.90 " "
	10	1	M	1.25 " "
Average	10	6	M	.81½ " "
Jan. 1890	10	1	M	.50 " "
	10	1	M	.65 " "
	10	3	M	.90 " "
	10	1	M	1.00 " "
	10	1	M	1.35 " "
Average	10	7	M	.88½ " "
July 1890	10	1	M	.60 " "
	10	1	M	.80 " "
	10	1	M	.85 " "
	10	2	M	1.15 " "
	10	1	M	1.25 " "
	10	1	M	1.35 " "
Average	10	7	M	1.02 " "
Jan. 1891	10	1	M	.75 " "
	10	1	M	1.00 " "
	10	1	M	1.20 " "
	10	2	M	1.25 " "
	10	1	M	1.40 " "
	10	1	M	1.45 " "
Average	10	7	M	1.18½ " "
July 1891	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	1	M	1.38 " "
	10	1	M	1.40 " "
	10	1	M	1.45 " "
Average	10	6	M	1.29 " "

MACHINISTS' HELPERS.

Jan. 1851	10	10	M	.75 per day.
	10	2	M	.87½ " "
	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	15	M	.84 " "
July 1851	10	1	M	1.00 " "
Jan. 1852	10	4	M	1.00 " "
July 1852	10	4	M	1.00 per day.
	10	1	M	1.12½ " "
	10	1	M	1.25 " "
Average	10	6	M	1.06½ " "
Jan. 1853	10	4	M	1.00 " "
	10	1	M	1.25 " "
Average	10	5	M	1.05 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1853	10	3	M	$1.00 per day.
Jan. 1854	10	2	M	1.00 " "
July 1854	10	3	M	1.00 " "
Jan. 1855	10	2	M	1.00 " "
Jan. 1856	10	1	M	1.00 " "
Jan. 1857	10	14	M	1.00 " "
Jan. 1859	10	4	M	1.00 " "
	10	3	M	1.25 " "
Average	10	7	M	1.10½ " "
July 1859	10	4	M	1.00 " "
	10	1	M	1.12½ " "
	10	3	M	1.25 " "
Average	10	8	M	1.11 " "
Jan. 1860	10	3	M	1.25 " "
July 1860	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	2	M	1.25 " "
Average	10	4	M	1.15½ " "
Jan. 1861	10	1	M	1.12½ " "
	10	4	M	1.25 " "
Average	10	5	M	1.22½ " "
July 1861	10	1	M	1.00 " "
	10	2	M	1.12½ " "
	10	5	M	1.25 " "
Average	10	8	M	1.18½ " "
Jan. 1862	10	6	M	1.25 " "
	10	1	M	1.37½ " "
Average	10	7	M	1.27 " "
July 1862	10	2	M	1.00 " "
	10	3	M	1.25 " "
Average	10	5	M	1.15 " "
Jan. 1863	10	2	M	1.00 " "
July 1864	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	3	M	1.25 " "
	10	2	M	1.37½ " "
Average	10	7	M	1.23 " "
Jan. 1865	10	1	M	1.00 " "
	10	1	M	1.12½ " "
	10	3	M	1.25 " "
	10	2	M	1.37½ " "
Average	10	7	M	1.23 " "
July 1865	10	1	M	1.00 " "
	10	3	M	1.25 " "
	10	3	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	8	M	1.29½ " "
Jan. 1866	10	1	M	1.37½ " "
July 1866	10	1	M	$1.25 per day.
	10	1	M	1.37½ " "
	10	1	M	1.50 " "
Average	10	3	M	1.37½ " "
Jan. 1867	10	1	M	1.12½ " "
	10	1	M	1.37½ " "
Average	10	2	M	1.25 " "
Jan. 1869	10	3	M	1.25 " "
July 1869	10	1	M	1.25 " "
Jan. 1870	10	3	M	1.25 " "
	10	1	M	1.33½ " "
Average	10	4	M	1.27 " "
July 1870	10	3	M	1.25 " "
	10	1	M	1.33½ " "
Average	10	4	M	1.27 " "
Jan. 1871	10	2	M	1.25 " "
	10	1	M	1.33½ " "
Average	10	3	M	1.28 " "
Jan. 1874	10	1	M	1.62½ " "
July 1875	10	1	M	1.50 " "
July 1876	10	1	M	1.40 " "
	10	1	M	1.50 " "
Average	10	2	M	1.45 " "
Jan. 1877	10	1	M	1.00 " "
	10	2	M	1.25 " "
	10	3	M	1.50 " "
Average	10	6	M	1.33½ " "
July 1877	10	2	M	1.25 " "
	10	2	M	1.40 " "
	10	1	M	1.50 " "
Average	10	5	M	1.36 " "
Jan. 1878	10	1	M	1.00 " "
	10	2	M	1.12½ " "
	10	1	M	1.25 " "
	10	1	M	1.30 " "
	10	4	M	1.40 " "
	10	2	M	1.50 " "
Average	10	11	M	1.31 " "
July 1878	10	2	M	1.12½ " "
	10	1	M	1.25 " "
	10	3	M	1.40 " "
Average	10	6	M	1.28½ " "
Jan. 1879	10	4	M	1.00 " "
	10	2	M	1.12½ " "
	10	4	M	1.30 " "
	10	2	M	1.40 " "
Average	10	12	M	1.18½ " "
July 1879	10	2	M	1.12½ " "
	10	1	M	1.25 " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1879–conc'd.	10	1	M	$1.30 per day.
	10	1	M	1.40 " "
	10	1	M	1.45 " "
Average	10	6	M	1.27½ " "
Jan. 1880	10	1	M	1.00 " "
	10	2	M	1.15 " "
	10	1	M	1.20 " "
	10	4	M	1.30 " "
	10	1	M	1.40 " "
	10	2	M	1.50 " "
Average	10	11	M	1.28 " "
July 1880	10	8	M	1.25 " "
	10	2	M	1.37½ " "
	10	6	M	1.40 " "
Average	10	16	M	1.32 " "
Jan. 1881	10	6	M	1.25 " "
	10	1	M	1.37½ " "
	10	2	M	1.40 " "
	10	1	M	1.50 " "
Average	10	10	M	1.31½ " "
July 1881	10	1	M	1.35 " "
	10	3	M	1.37½ " "
	10	1	M	1.40 " "
	10	4	M	1.50 " "
	10	1	M	1.65 " "
Average	10	10	M	1.45½ " "
Jan. 1882	10	1	M	1.30 " "
	10	1	M	1.35 " "
	10	2	M	1.37½ " "
	10	1	M	1.40 " "
	10	7	M	1.50 " "
Average	10	12	M	1.44 " "
July 1882	10	2	M	1.37½ " "
	10	15	M	1.40 " "
	10	6	M	1.50 " "
	10	1	M	1.60 " "
Average	10	24	M	1.43 " "
Jan. 1883	10	3	M	1.40 " "
	10	6	M	1.50 " "
	10	1	M	1.62½ " "
Average	10	10	M	1.48½ " "
July 1883	10	4	M	1.40 " "
	10	3	M	1.50 " "
	10	2	M	1.60 " "
Average	10	9	M	1.48 " "
Jan. 1884	10	4	M	1.40 " "
	10	5	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.62½ " "
Average	10	11	M	1.48½ " "
July 1884	10	1	M	1.40 " "
	10	5	M	1.50 " "
	10	2	M	1.60 " "
Average	10	8	M	1.51¼ " "
Jan. 1885	10	1	M	$1.40 per day.
	10	4	M	1.50 " "
	10	1	M	1.60 " "
Average	10	6	M	1.50 " "
July 1885	10	1	M	1.30 " "
	10	2	M	1.35 " "
Average	10	3	M	1.33½ " "
Jan. 1886	10	5	M	1.35 " "
July 1886	10	6	M	1.35 " "
	10	2	M	1.40 " "
	10	2	M	1.50 " "
Average	10	10	M	1.39 " "
Jan. 1887	10	8	M	1.35 " "
	10	2	M	1.40 " "
	10	4	M	1.50 " "
	10	2	M	1.70 " "
Average	10	16	M	1.43½ " "
July 1887	10	6	M	1.40 " "
	10	5	M	1.50 " "
	10	1	M	1.65 " "
	10	2	M	1.75 " "
Average	10	14	M	1.50½ " "
Jan. 1888	10	7	M	1.40 " "
	10	7	M	1.50 " "
Average	10	14	M	1.45 " "
July 1888	10	4	M	1.40 " "
	10	6	M	1.50 " "
	10	1	M	1.70 " "
Average	10	11	M	1.48 " "
Jan. 1889	10	5	M	1.40 " "
	10	7	M	1.50 " "
	10	1	M	1.60 " "
	10	1	M	1.70 " "
Average	10	14	M	1.48½ " "
July 1889	10	1	M	1.40 " "
	10	7	M	1.50 " "
	10	1	M	1.70 " "
Average	10	9	M	1.51 " "
Jan. 1890	10	2	M	1.40 " "
	10	5	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.65 " "
	10	1	M	1.70 " "
Average	10	10	M	1.52½ " "
July 1890	10	2	M	1.40 " "
	10	1	M	1.45 " "
	10	6	M	1.50 " "
	10	1	M	1.62½ " "
	10	1	M	1.70 " "
	10	1	M	1.75 " "
Average	10	12	M	1.52½ " "

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Concluded.

MACHINISTS' HELPERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employes.	Sex.	Rate of wages.
Jan. 1891	10	5	M	$1.50 per day.	July 1891	10	5	M	$1.50 per day.
	10	1	M	1.55 " "		10	1	M	1.62½ " "
	10	1	M	1.62½ " "		10	1	M	1.70 " "
	10	1	M	1.70 " "		10	1	M	1.85 " "
	10	1	M	1.85 " "					
Average	10	9	M	1.58 " "	Average	10	8	M	1.58½ " "

PATTERNMAKERS.

Jan. 1866	10	1	M	2.62½ per day.	Jan. 1887	10	1	M	2.00 per day.
Jan. 1867	10	1	M	2.62½ " "		10	1	M	2.50 " "
July 1870	10	1	M	1.50 " "					
Jan. 1871	10	1	M	1.50 " "	Average	10	2	M	2.25 " "
July 1872	10	1	M	1.75 " "					
Jan. 1878	10	1	M	1.75 " "	July 1887	10	2	M	2.25 " "
Jan. 1879	10	1	M	1.75 " "		10	1	M	2.60 " "
July 1879	10	1	M	1.75 " "					
Jan. 1880	10	1	M	1.75 " "	Average	10	3	M	2.36½ " "
July 1880	10	1	M	1.85 " "					
Jan. 1881	10	1	M	2.00 " "	Jan. 1888	10	1	M	2.25 " "
July 1881	10	1	M	2.30 " "		10	1	M	2.50 " "
Jan. 1882	10	1	M	2.30 " "		10	1	M	2.60 " "
July 1882	10	1	M	2.50 " "					
Jan. 1883	10	1	M	2.50 " "	Average	10	3	M	2.45 " "
July 1883	10	1	M	2.50 " "					
Jan. 1884	10	1	M	2.50 " "	July 1888	10	1	M	2.60 " "
July 1884	10	1	M	2.50 " "	Jan. 1889	10	1	M	2.60 " "
Jan. 1885	10	1	M	2.50 " "	July 1889	10	1	M	2.60 " "
July 1885	10	1	M	2.40 " "	Jan. 1890	10	1	M	2.60 " "
Jan. 1886	10	1	M	2.30 " "	July 1890	10	1	M	2.50 " "
	10	1	M	2.40 " "		10	1	M	2.60 " "
Average	10	2	M	2.35 " "	Average	10	2	M	2.55 " "
July 1886	10	2	M	2.50 " "	Jan. 1891	10	1	M	2.75 " "

UNIVERSITY OF CALIFORNIA LIBRARY
Los Angeles
This book is DUE on the last date stamped below.
REC'D LD-URL
SEP 14 1988
REC'D LD-URL
QL JAN 17 1989
JUN 3 0 1989

3 1158 00572 1732

UC SOUTHERN REGIONAL LIBRARY FACILITY
AA 001 107 927 4